

"Written by C-Eng,
For C-Eng"

The Iron Times

THE FINAL ISSUE
Weather: Way too hot, and
also way too cold for April

FT. too many interviews

MYCES.CA/IRON-TIMES

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REVEALED

THE PERSON WHO MAKES US GREAT

The answer is more dispersed than it may appear



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By Em Smulders

As the final issue of the year we, the Iron Times, feel the need to bring a more positive and safe outlook on this issue as to bring some much needed light into our community during exam times (along with also not getting our paper pulled again). When originally sitting down to brainstorm the contents of the issue itself and the parts that would go into it, a question very quickly arose that there was no short and easy answer to. As we explored the question, and the title of this article “The Person Who Makes Us Great”, we pondered who is, or are, some of the crucial people over the years that have had monumental influence over making engineering at Carleton a more welcoming, inclusive, popular and overall, more interconnected and great community. Be this from initiatives, inter-FED ‘political’ work, creation or revamping of clubs or societies that really fell behind during the Covid Era, we seek to try and find a one singularity point from our community where things got good.

In order to begin our quest into finding this singularity, we must set the stage to examine what our community was like pre-Covid Era. While many people will obviously have different and varied experiences and opinions of the community, we can get at least a wide view from those with higher positions at the time. Speaking with our CSES President, Johan Prent, at the time of when the virus hit Carleton on that fateful March 13th day, of what he thought of the community before; “for the 2019/2020 year, the community was generally very welcoming, and aligned on what the community needed to do to be a space where people could both learn, and grow... In a word, I would say the community was maturing. Definitely still had some work to be done, but all in all, the community was mature. People knew when to take things seriously, and knew when they could relax a little”. As someone graduating right as the engineering shifted online abruptly, “I would be lying if I said it hadn’t crossed my mind several times in the months leading up to my final exams in April 2020. Covid aside, we were coming up on the end/beginning of the ‘5 year cycle’, and knew that

(it) wasn’t the most sustainable way to keep the community going”. As an aside, I personally not had heard of our current situation being described as the 5 year cycle, but very briefly summarizing from Johan;

- Year 1: Many first years come to Carleton, are inspired by graduating (or close to) upper years.
- Year 2: The original upper years have now somewhat graduated and 1st (now 2nd) years begin to get more highly involved.
- Year 3: There’s much less o.g. upper years left, and the first years are now in 3rd year and take on some of the highest roles across C-Eng.
- Year 4: Those 1st years are now in coop, or in school and in large responsibility roles furthering expanding the gap in experience between the original year 1 1st years and any other age group.
- Year 5: The original 1st years are graduated or back from coop and the cycle begins again.

Asking Johan what he, himself, thought of the different eras before Covid that he experienced (in the same way we will soon explore this same question with outgoing people and old fucks), “In short, the community had changed drastically from when I was in first year, and from what I was told in first year, It had already comes leaps and bounds from where it was before that, The community used to be very drinking-centric, and had many problems related to that. But in my first year, there was a big push by upper years to really make a safe space for new students, and that drinking wasn’t everything... Yes there were issues, there always is, but I was proud about the way community handled them and the community generally rallied to solve a problem in a constructive way rather than just complaining about it and not changing anything”. In parting, and much harder hitting words from Johan, someone who I think many people, myself included, still look up to admire in a sense of nostalgia; “I know that the community has had some issues in the past few years, but I also know that the community self-corrected, and that’s a good sign that the community will be alright. A few of us oldies still chat here and there, and amongst ourselves, one sentiment keeps coming up, ‘the kids will be alright’”.

Now that we, as engineers, have set our beginning constraints and highlighted where the engineering community was at before Covid, we need to set the other constraint (fuck Ansys dude): the present day. To balance Johan and his presidential perspective, we can refer to our current and incoming presidents on how they feel generally the state of affairs are; “While we have had our ups and downs, I believe this is a community where everyone can be proud to be a part of it”, says president Kassidy Hammond, “I’m proud of the work we’ve done, and the work we continue to do, and overall of the state of the community”.

Speaking to our incoming president, Michael Silvera, to get his own perspective as someone in a position of the community even longer than Hammond, “I’ve been here at Carleton for a while now; like from before Covid... As a community, I’ve seen us keep traditions alive through over a year of online Leo’s shifts, 2 online Frosh weeks and more. These online years took a massive toll on our community from both a continuity of knowledge standpoint, and a volunteer base” ... “As I have heard from the outgoing exec team pretty much every single week for the past year, ‘We are so back’. I think we are about to hit the peak”

These perspectives have an obvious bias to them if only in the fact that these people are have high ranks of official positions in the community. “Being the CSES President will also naturally have a different perspective due to our normally extensive community experience and exposure to the faculty side of things. We know a thing or two, because we’ve seen a thing or two” says Hammond. “As with any role, bias is sure to apply, especially one with such a large fiduciary duty connected to it”, agrees Silvera.

We now know where we the community sit. The question still remains of who? Speaking to one of our most prominent people in at least the time I, Em, have been here at Carleton, Nikita Yovchev, we can get one of the most in-depth look into who makes us great. Generally speaking, about the community and it’s current state; “is in a similar state

to how it was in my first year, if I’m being honest.” ... “progress doesn’t happen overnight. The reason I say this is because we’re finally past the bump in the road that came out of the pandemic... Being back in person for the second year in a row has helped with moving the community in a more positive direction, for which I am optimistic of”. As for the people themselves “... quite a few names, some old and some new. For a start, I think that Hannah Waye and Teodora Bildaru, two women whom I looked up to when I was in my first year, have made such a long lasting and positive impact on the community through their good spirits and continuous efforts in making the community a better place ... I reflect back on the members of the taskforce, such as Kass, Meg, Maven and Jordan, as well as Bea and Jill for their efforts in advocacy.”

One might ask still, how can we place this monumental change onto people, who might have done good, but we know not what they have done? Speaking to Nikita once again, “I think that there has been more awareness on some of the serious topics that plague the engineering community, and it has definitely sparked many trainings, as well as people taking them more seriously. I’m very happy to see a shift in the community that has destigmatized people from sharing experiences and that has empowered them to do so, even if just slightly.” Speaking more on this topic, we get deeper look into those who were involved during these moments of new widespread awareness for major issues we, as a both a community and a profession, even face. One person who was deep into this change themselves was Xavier Haziza. “There’s so many people who have made huge change for the better.” Haziza says, “From Task Force doing gods work by bringing FS from the ashes and letting me and my fellow committee (of what committee who knows) members do the job we were ‘born to do’.. to individuals like Simon and Brendan ushering in a new era of InSpace and design teams as a whole. To impeccable leaders and friends like Kass, there are way too many people to name off.” If you too are afraid that so many of these people mentioned thus far are either gone or on their way out the door “there

are also people like Michael Silvera who just give and give and give and give and ask very little in return” said Xavier. Yovchev agreed in a similar vein when asked, “I’m so thankful for all the lovely youngins that are coming into the community anew, whom I have great hopes for and whom I know will be great leaders soon to come – Anneli, Connor, and Erika warm my heart every day.”

All of these upper years have had their chance to yap now (<3), but what about these youngins themselves? They obviously have not, thankfully, had to live through some of the more rough experiences and bumps many experience through 2020 to now so who do they think is responsible for the community they inhabit now? Talking to Anneli Sheridan, current VP Academic of CSES, we posed her a relatively simple question of what is their own perspective as a younger year (who has also now been in a higher position of power in Carleton Eng)? “I think that the number one thing I have learned in this position as a second year, is the ability to put things into perspective. A lot of the ‘higher up’ positions in C-Eng really allow you to zoom out and see the bigger picture”. This directly aligns with the same sentiments shared by many of the previously mentioned people, “that experience allows you to see the big picture, internally process” almost exactly the same, unplanned words of Hammond. As for the time before Covid itself, Sheridan had this to say “I think something a lot of upper years forget is that youngins’ also experienced the Covid years. High school online and university online obviously had their differences, but we still experienced those moments of isolation... younger years envision this time exactly like online high school was to us, forgetting how much the C-Eng

community means to us, and that upper years had to form an online imitation (of the pre Covid community) to stick together” And while Anneli is a 2nd year, there still is a positive outlook that everyone asked thus far, and we can agree that all engineers do, or at least should strive to have; “I would love to give a shout out to Lexy Buchanan!! All year, this amazing, wonderful human has been so involved in so many facets of the community and has been doing a truly incredible job. I’m so excited to see what she does next <3”

To backtrack in years, we have already spoken to one mysterious committee member, Xavier Haziza, but that term was only last year. What about earlier? Francis Baccin-Smith (of Francis Fucks fame) was committee during the 2020 to 2021 year, when we as the community were fully online, not even slightly hybrid at that point. “All of us on committee knew that we weren’t going back in person for a while – I held out hope for it to resolve itself before the summer, but that was mostly a pipe dream... It was perhaps rough at points, but I would definitely say it’s been a successful transition back as of now”. As for people themselves (remembering what exactly we are trying to answer here in this article!) who have had that significant change, “Adam Dublin led a movement to vote No Confidence for one year’s CUSA execs”, “Andy Curtis created a

constitution for the C-Eng Musical”, “Buster Biggs was, if I remember correctly, responsible for the Lettuce Club”, “Nikita Yovchev and Ryan Campbell have been a CSES power couple and handled a ton of constitution rewrites”, “Tangibly I’d have to say that Kassidy Hammond and Dana Sayed Ahmed have probably caused the most positive change, since Kass has been getting CUSA to do their jobs and give C-Eng funding from practically day 1, and Dana has been doing similarly for the council from what I’ve heard... But that’s the thing – I only know what I’ve been told, and there are plenty of things I missed. How many incremental steps has it taken? How many people have gone unrewarded for work that was essential to getting the community to where it is today?”

We’ve danced around for exactly 2265 words now and still have yet to give a specific person to even answer this question! Who makes us great!? I hope that it is clear at this point, that what makes us, the engineering community here at Carleton, who makes us great and stands out so significantly above other schools and even just generally tight knit university community is all of us. No one person has had the world defining event that we have been

searching for. Even in moments of upheaval, Task Force, the 2022-23 committee recovery and so many others are not singular people, always there are many, many, people who are dedicated to making this world of ours a better place. While some are more active, some are younger, some are older, everyone has a part. Even those who have never held a VP, had a directorship or anything, you likely have still voted in our elections, or have gone to events and just generally been present to round out our world.

You are great.



THE FINAL CULMINATION

Every Film I've Watched Since Becoming Editor in Chief



Em "Roommates"
Smulders
AERO V

Holy heck chat, we're gonna bang out some bangers! You know I like movies at this point (I hope), but my articles never given enough of a look into how much I watch. As such, this article will serve as a log of every movie I've seen since being hired in May of last year, with my score out of 5, when I watched it, if I recommend it (marked by R), and a sentence or two of #deets. Enjoy and don't judge me too hard for my movie choices!

#1 – Tetsuo: The Iron Man (1989). May 8th, 3.5, R. Japanese black and white film with gay body horror. The real metal-fetishists are the friends we made along the way.

#2 – The Evil Dead (1981). May 14th, 4.5, R. The guy who made the good Spiderman's from your childhoods first movie. Horror comedy with a himbo, what else can you ask for!

#3 – The Wizard of Gore (1970). May 14th, 1. Watched at Mayfair's Saturday Night Sinema. Audio was so god damn loud, not my cup of tea.

#4 – Beef (2023). May 14th, 4, R. A short series produced by A24. What if mommy issues and daddy issues were both real people and a couple.

#5 – Air (2023). May 14th, 2. A shitty retelling of the creation of Air Jordans.

#6 – Renfield (2023). May 17th, 3, R. Nick Cage is daddy vampire with his little twink.

#7 – Jennifer's Body (2009). May 18th, 4, R+. I love lesbians. This is for all the engineers who think they might be girls. Not for you Finlay.

#8 – Dungeons & Dragons: Honor Among Thieves (2023). May 23rd, 3.5, R. Good DnD adaption.

#9 – Office Space (1999). May 24th, 4, R++. My god, the perfect movie showcasing middle tier western life. This is our destiny.

#10 – Zoolander (2001). May 25th, 3.5, R. YOU NEED TO KILL THE PRESIDENT OF MALAYSIA, HE'S EVIL!

#11 – Requiem for a Dream (2000). May 28th, 1.5. Trainspotting, but bad.

#12 – The Outsiders (1983). May 29th, 3. Homosexual teenage gang wars.

#13 – The Life Aquatic with Steve Zissou (2004). June 11th, 4, R. Jacques Cousteau played by Bill Murray. It's Wes Anderson everybody!

#14 – Spider-Man: Across the Spider-Verse (2023). June 12th, 4.5, R. What do I even need to say?

#15 – Eyes Wide Shut (1999). June 17th, 4, R. This is what Q-Anon people really believe in. Sorry Syd for making you sit through this.

#16 – I Like Movies (2022). June 18th, 5, R+. This movie is me, I'm him, the autistic child at a Blockbuster in early 2000s Kitchener, Ontario.

#17 – But I'm a Cheerleader (1999). June 21st, 3, R. Pre-fracking Ru Paul jumpscare notice.

#18 – Oldboy (2003). June 24th, 5, R+. You don't get action better than this folks, Hong Kong is light years ahead of us. Involves the worlds most unexpected twist.

#19 – Battle Royale (2000). June 26th, 3, R. It's exactly like PUBG.

#20 – Sorry to Bother You (2018). June 28th, 4.5, R. This movie says "White people are evil" and it's not wrong!

#21 – Minority Report (2002). June 29th, 3.5, R. Colin Farrell x Tom Cruise yaoi.

#22 – Wayne's World (1992). July 1rd, 3, R. Woah man, corporate America blows man!

#23 – The Happenings (2008). July 2nd, 1.5. Shitty fucking Jeremy Renner apocalypse thriller. Literally everything you could do wrong, is done wrong.

#24 – The Banker (2020). July 3rd, 2.5, R. Story of a black realtor in white California.

#25 – Beau Is Afraid (2023). July 5th, 3, R. PENIS DEMON! PENIS DEMON!

#26 – Asteroid City (2023). July 9th, 4, R. Wes Anderson. Not his best, but certainly not bad.

#27 – Eraserhead (1977). July 9th, 4.5, R. The baby lives on in our memories.

#28 – Phantom of the Paradise (1974). July 16th, 3.5, R+. Rock opera version of phantom of the opera.

#29 – The Nice Guys (2016). July 16th, 3.5, R. Sex, drugs, and motor vehicle companies.

#30 – Spotlight (2015). July 18th, 3.5, R. True story on how the Boston Globe revealed the original child no-no scandal within the Church.

#31 – The Machinist (2004). July 18th, 2.5. Christian Bale is great and all but this movie does not hold itself together well.

#32 – Barbie (2023). July 21st, 5, R. BARBIE WAS SNUBBED BY THE ACADEMY.

#33 – They Cloned Tyrone (2023). July 23rd, 3, R. Get Out but with John Boyega.

#34 – Barry Lyndon (1975). July 27th, 3.5, R+. The 21 Savage edit is better than the actual movie.

#35 – The Place Beyond the Pines (2012). July 30th, 2.5. It's one of the worst Gosling movies.

#36 – Trainspotting (1996). Aug 1st, 4.5, R++. Requiem for a Dream, but perfect.

#37 – Good Time (2017). Aug 5th, 4, R+. Robert Pattinson's first major role outside of Twilight.

#38 – Lars and the Real Girl (2007). Aug 5th, 4.5, R. Ryan Gosling falls in love with a sex doll and is autistic.

#39 – The Usual Suspects (1995). Aug 6th, 4, R. Heist movie with corruption elements.

#40 – Memento (2000). Aug 8th, 4, R. Christopher Nolan breakout hit, you'll like it.

#41 – I Care a Lot (2020). Aug 12th, 3.5, R. Good for her, scamming the elderly, good for her.

#42 – Nimona (2023). Aug 12th, 3.5, R. Animated film killed by Disney, resurrected by Netflix. Half sci-fi, half fantasy, half GAY!

#43 – Brokeback Mountain (2005). Aug 14th, 4, R. They could've had it all. Crying is important and use this as a tool to.

#44 – How to Blow Up a Pipeline (2022). Aug 16th, 5, R+. Adaption of a book telling true stories, movie is instead a story of youth rebellion to the forces that oppress us.

#45 – The Platform (2019). Aug 17th, 3.5, R. Spanish film about a dystopian prison system and on wealth inequality.

#46 – Evil Dead II (1987). Aug 18th, 3, R. It's exactly the same story as Evil Dead but better.

#47 – Shiva Baby (2020). Aug 20th, 4, R. A Jewish funeral with

incestuous family issues, lesbianism and more!

#48 – Shutter Island (2010). Aug 24th, 4, R. What if you AND your wife were crazy?

#49 – Sharper (2023). Aug 28th, 2. Don't watch this.

#50 – Teenage Mutant Ninja Turtles: Mutant Mayhem (2023). Sept 2nd, 4, R. Spider-verse mania spreads further and I'm here for it.

#51 – Threads (1984). Sept 2nd, 4, R+. A disturbing and extremely accurate portrayal of the lead up and after effects of nuclear war in Britain (average day in Sheffield).

#52 – Indiana Jones and the Dial of Destiny (2023). Sept 5th, 1. DOG SHIT WHY DID YOU AGREE TO THIS HARRISON FORD.

#53 – United 93 (2006). Sept 18th, 4, R. True story of 9/11 and the plane that didn't make it

#54 – Talk to Me (2022). Sept 28th, 3.5, R. Aussie movie, Jordan Peele like horror.

#55 – Babylon (2022). Sept 30th, 5, R+. Beautiful and chaotic look into early Hollywood, they really don't like movies like they used to.

#56 – Bodies Bodies Bodies (2022). Oct 3rd, 3, R. Pete Davidson

fucking dies 10 minutes in.

#57 – Pearl (2022). Oct 9th, 2. Man, compared to X this is awful. Don't ruin how much you enjoyed the 1st by watching this one.

#58 – The Fly (1986). Oct 11th, 4.5, R. Jeff Goldblum plays a nerdy hot scientist. Need I say more?

#59 – House (1977). Oct 15th, 4.5, R. One of the best horror films I've ever seen, #girls_trip.

#60 – Totally Killer (2023). Oct 15th, 1.5. The fact I watched this directly after House is deeply saddening.

#61 – Brewster's Millions (1985). Oct 18th, 3, R. 80s comedy shlock. Canadian John Candy makes up for a lot of flaws.

#62 – Once Upon a Studio (2023). Oct 18th, 4. This was Disney's 100th anniversary short film Oscar bait. It wasn't bad, but it certainly isn't rewatchable.

#63 – Scream (1996). Oct 19th, 4, R+. I'm still pissy I got spoiled on the twist, if you don't know the twist than watch this literally asap.

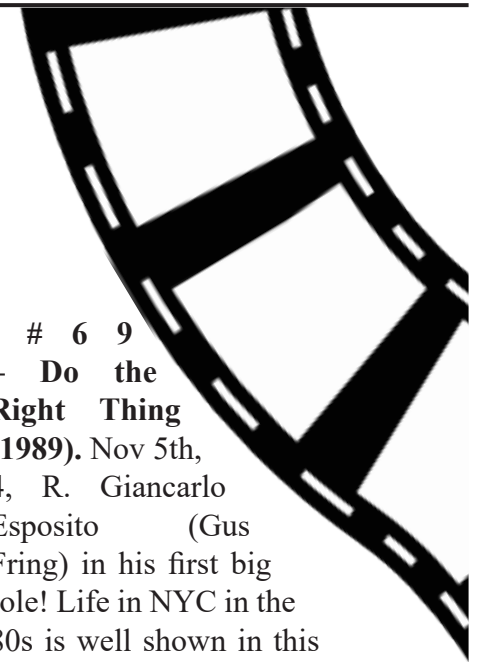
#64 – Chinatown (1974). Oct 22nd, 4.5, R. Fantastic script and acting. Loses a half point for being a Roman Polaski movie and him having a cameo in the film.

#65 – L.A. Confidential (1997). Oct 23rd, 4, R. Back to back movies about 1930s Hollywood.

#66 – Five Nights at Freddy's (2023). Oct 30th, 3, R. Har har har har.

#67 – I Saw the Devil (2010). Oct 30th, 3.5, R+. Man I fucking love K-dramas they're so fucking good. Kinda fucked up tho so warning.

#68 – The Hunt (2012). Oct 31st, 5, R+. Deeply fucked up movie about how evil Scandinavian children are. Mads at his best, but strong content warning (it is Danish).



6 9 – Do the Right Thing (1989). Nov 5th, 4, R. Giancarlo Esposito (Gus Fring) in his first big role! Life in NYC in the 80s is well shown in this dark comedy.

#70 – BlackBerry (2023). Nov 10th, 4, R. Features the iconic line "IM FROM WATERLOO, WHERE THE VAMMMMMMMMMPIRES HANG OUT!"

#71 – The Killer (2023). Nov 12th, 4, R. It's about a hitman who loves The Smiths (there are 12 songs in the movie and 11 are The Smiths).

#72 – The Darjeeling Limited (2007). Nov 12th, 4, R. Wes Anderson roadtrip across India.

#73 – I'm Thinking of Ending Things (2020). Nov 13th, 3.5, R. This movie asks the question, what if you had transitioned sooner?

#74 – Eyes Without a Face (1960). Nov 14th, 3.5, R. French horror movie that's the inspiration for that Billy Idol song you know from Tik Tok.

#75 – The Creator (2023). Nov 15th, 2.5. Studios were like "yo good shit with Rogue One, can you make it again?"

#76 – Promising Young Woman (2020). Nov 15th, 3.5, R+. Good for her.

#77 – Minari (2020). Nov 16th, 4, R. Absolute tear jerker about a Korean family moving to the Ozarks.

#78 – WarGames (1983). Nov 16th, 3.5, R. What if the Chess.com bot declared nuclear war?



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#79 – RoboCop (1987). Nov 17th, 4, R. “Dead or alive, you’re coming with me!”

#80 – Synecdoche, New York (2008). Nov 20th, 4. Kaufman make a movie that is understandable challenge (IMPOSSIBLE).

#81 – American Graffiti (1973). Nov 22nd, 3, R. George Lucas before Star Wars! The last day of summer in the 1950s, like making a movie today about 2013.

#82 – May December (2023). Nov 22nd, 4, R. I’m so sorry Syd for making you watch this IN PERSON.

#83 – Birdman or (The Unexpected Virtue of Ignorance) (2014). Nov 22nd, 4, R+. Not really describable in two sentences.

#84 – Event Horizon (1997). Nov 23rd, 2.5, R. Hellraiser in space. It could’ve been so much better.

#85 – Thelma & Louise (1991). Nov 25th, 5, R+. Girl’s trip!! Let’s run away from our abusive husbands and the federal government!

#86 – Beautiful Boy (2018). Nov 26th, 3.5, R. Timothee Chalamet does heroine. Made Xavier sob.

#87 – The Holdovers (2023). Nov 29th, 5, R. ROBBED BY THE OSCARS, JUSTICE FOR PAUL.

#88 – Bottoms (2023). Dec 1st, 5, R+. Femcels make a fight club to get laid. Literally me (my entire personality is based on Hazel).

#89 – Parkland (2013). Dec 2nd, 1. Story of the aftermath of JFK’s localized head explosion. Sucked

#90 – Ghost Town (2008). Dec 2nd, 1. I think Ricky

Gervais has a ghost kink.

#91 – The Rover (2014). Dec 5th, 4, R. Robert Pattinson in the outback. Mad Max, but more realistic.

#92 – Boogie Nights (1997). Dec 8th, 4, R. Mark Wahlberg has a 11 inch prosthetic penis in the movie. You do get to see it!

#93 – Killers of the Flower Moon (2023). Dec 12th, 4.5, R+. Lily Gladstone deserved the Oscar.

#94 – The Master (2012). Dec 13th, 4.5, R. Joaquin Pheonix joins a cult run by Philip Seymour Hoffman.

#95 – Raising Arizona (1987). Dec 14th, 4, R. One of Nic Cage’s first movies. He steals a baby for him and his infertile cop wife.

#96 – Suitable Flesh (2023). Dec 19th, 3.5, R. A modern version of an 80s horror movie. Low budget in a good way.

#97 – Maestro (2023). Dec 22nd, 3, R. Shit Oscar bait, only gets 3 stars because it made my mom cry and sob “it’s really Lenny, it’s really him”.



#98 – The Boy and the Heron (2023). Dec 23rd, 4.5, R+. Miyazaki masterpiece, how do we live with grief?

#99 – Priscilla (2023). Dec 24th, 3.5, R. If you didn’t know before, now you know Elvis was a pedophile!

#100 – Saltburn (2023). Dec 28th, 2, R. My opinion has changed a lot, it really wasn’t as great as the hype or memes. It’s a coworker movie.

#101 – Shin Godzilla (2016). Dec 28th, 4, R+. Thank you Jack Wooldridge for the recommendation! My first Godzilla movie.

#102 – Colour Out of Space (2019). Jan 1st, 3, R. Modern version of a Lovecraft story. Nic Cage is crazy!

#103 – The Iron Claw (2023). Jan 3rd, 4.5, R+. Me and Xavier saw it in theatre and SOBBED.

#104 – The Ides of March (2011). Jan 4th, 3.5, R. Ryan Gosling Vs George Clooney in politics.

#105 – Her (2013). Jan 12th, 3, R. Life after GPT-5.

#106 – Dream Scenario (2023). Jan 13th, 4.5, R+. Nic Cage appears in peoples dreams, menacingly. I really like Nic Cage.

#107 – True Stories (1986). Jan 15th, 4.5, R++. David Byrne of the Talking Heads made this. About summer in a small rural farming town, hits so close to home with an A+ soundtrack.

#108 – Poor Things (2023). Jan 20th, 4.5, R. Emma Stone shoves an apple up her pussy.

#109 – Carol (2015). Jan 21st, 4, R+. Cate Blanchett is mommy. This message was approved by Cynthia.

#110 – Memories (1995). Jan 28th, 3.5, R. Collection of 3 anime short films “Magnetic Rose”, “Stink Bomb” and “Cannon Fodder”.

#111 – The Daytrippers (1996). Feb 1st, 3.5, R. Average day in NYC. Cheating and the arts.

#112 – Humanist Vampire Seeking Consenting Suicidal Person (2023). Jan 3rd, 4, R++. Quebecois film! The title is 100% accurate, this movie deserves more attention.

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#113 – Sicario (2015). Feb 4th, 4.5, R. Fictional story about the war on drugs by the Dune director.

#114 – Anatomy of a Fall (2023). Feb 4th, 4, R. What if a German and a French person got married?

#115 – American Fiction (2023). Feb 7th, 3.5, R. Black man is upset at state of black literature, makes a satire that does better than anything else he's ever written.

#116 – The Book of Clarence (2023). Feb 10th, 3, R. The Crucifixion of Christ x Atlanta (the show)

#117 – Schindler's List (1993). Feb 11th, 5, R. What do I need to say?

#118 – Society of the Snow (2023). Feb 12th, 4, R. A soccer team crashes and gets stuck in the mountains and start getting real hungry.

#119 – The Favourite (2018). Feb 13th, 4, R. The British royalty is gay and Emma Stone is a bottom.

#120 – The Zone of Interest (2023). Feb 19th, 4, R++. One of the most unsettling things I've ever seen, a must watch to understand our world.

#121 – Relax, I'm from the Future (2022). Feb 21st, 4, R+. A local-ish film from Hamilton Ontario!

#122 – Jerry Maguire (1996). Feb 21st, 3.5, R. Tom Cruise is a sports manager and bad at it.

#123 – There Will Be Blood (2007). Feb 28th, 3.5, R. He's abandoned his child! He's abandoned his son! His boy!

#124 – Dune: Part Two (2024). March 2nd, 4.5, R++. I have seen the light.

#125 – Perfect Days (2023). March 2nd, 5, R. A look into an older Japanese man's daily life working as a sanitation worker in urban Tokyo.

#126 – The Final Countdown (1980). March 2nd, 3, R. What if an American aircraft carrier got teleported to 1941?

#127 – Oppenheimer (2023). March 4th, 5, R. Only logged in March because I finally watched it and didn't fall asleep in the middle.

#128 – Escape from New York (1981). March 7th, 3, R. Kurt Russel is so hot.

#129 – Amadeus (1984). March 7th, 4.5, R. The semi true story of Mozart.

#130 – The Teacher's Lounge (2023). March 8th, 4, R+. German children are so evil they make me so fucking angry.

#131 – Robot Dreams (2023). March 12th, 4, R+. A really wholesome and cute story of Robot and Dog, set in really realistic and well done 80s NYC.

#132 – Drive-Away Dolls (2024). March 12th, 4.5, R. They should have published under the original name "Drive-Away D*kes". Also by god I love women with a southern twang.

#133 – Top Secret! (1984). March 12th, 4.5, R. Same directors as "Airplane!" and Val Kilmer's first movie!

#134 – Freddy Got Fingered (2001). March 14th, 2.5, R. Either extreme camp or a once in a life time ego trip that's actually funny.

#135 – Envy/Desire (2024). March 19th, 2.5, R. A trans short film, "twos company, but threes a clock".

#136 – Legend (2015). March 26th, 2.5. Tom Hardy plays a gay, autistic, poor, British, psychopath gang leader.

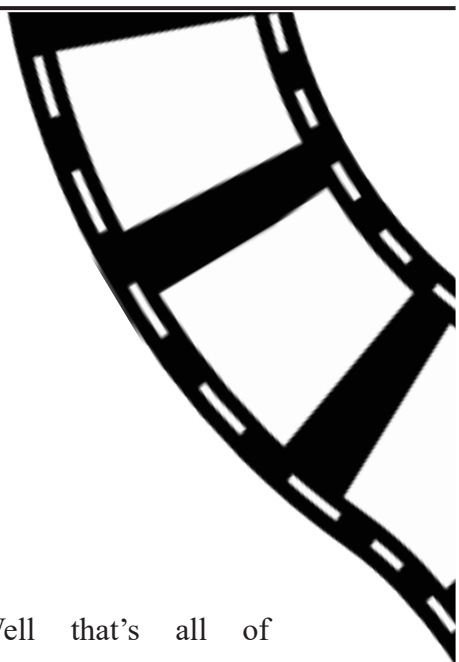
#137 – Sunshine (2007). March 28th, 3.5, R. Event Horizon kinda redone. And young, long hair, Cillian Murphy my god.

#138 – Steve Jobs (2015). March 28th, 4, R. A gross, but real look into Steve Jobs. Fun fact, Steve refused to shower for 30 years and would only wash his feet in urinals!

#139 – Vice (2018). March 31st. 2. Biopic about Dick Cheney, vice president during 9/11. Sorry Kass I didn't like it.

#140 – Modern Goose (2023). April 2nd, 3.5, R. National Film Board short film about geese living in modern Canada, not unlike us. On YouTube for free!

#141 – Dawn of the Dead (1978). April 3rd, 4, R. What would you do in a zombie apocalypse stuck in a 70s mall?



Well that's all of them! Thanks for likely skimming through all of these. I do really recommend you check the R+ and R++ movies on here! Thanks for an amazing year of moving info dumping as your EiC <3.

KNOBEL'S MONTHLY FIXATION

(Most of) My Hot Takes



– "Maelstrumpet" Knobel
SREE III

HELLOOOO PARTY PEOPLE. Welcome back to my monthly fixation where this time, the motherfuckers trying to cancel the Iron Times may actually get to; I'm about to be the biggest party pooper in existence. Strap in and get your straps on for my hottest takes of all time.

1. *The Princess Bride* isn't as good of a movie as y'all think it is

Ok. So. I know this opinion is going to rile up a good lot of you, but I can back this up. I'm not saying that *The Princess Bride* is a bad movie, but it's not a fantastic movie. Like, you fools that are rating it a five star are dreaming; it's AT MOST a 3.5. Sure, the movie is insanely quotable and a cult classic, but that doesn't make it great. The scene where they're rolling down a hill and making the corniest cries of anguish is the funniest shit I've ever seen and not in a good way. I can see why people find it a comfort movie, but it was so genuinely mediocre that I cannot get over how many people swear by this movie like their first born child is at

gunpoint. This opinion could have very well stemmed from the fact I watched it for the first time at 20, but I really don't get the widespread appeal. It's cute and a cult classic and quotable, but it's not the greatest movie of all time like some of y'all seem to think.

2. A lot of Taylor Swift songs sound the same (2.5. Country Taylor is the best Taylor)

I know a lot of you are Swifties, and before you ready your pitchforks and torches, hear me out. Just like the *Princess Bride* opinion, I am in no way saying

t h a t

Taylor's music is bad; quite the opposite, in fact. I actually like a lot of her songs, but if you ask me to name any of her discography after *Red* minus the famous songs, go fuck yourself. I know that she makes most of her albums sound the same on purpose, but I'm only able to differentiate songs based on vibe alone and not on sound. Like, I know the folky songs are from *Evermore* or *Folklore*, and the songs that sound like a unicorn vomited some rainbows are from *Lover*. However, I think that sometimes comes with problems. This ISN'T a problem for her Debut album to *Speak Now* tho!!



Those three albums (minus Christmas album) are what I'd consider to be "country" Taylor. All the songs on those albums HIT, and idc if thats the nostalgia talking. The later stuff all blends into one big ball for me.

2. *The Greatest Showman* is not a good musical. Weep.

I'm actually willing to die on this hill. The movie is fine, the dances

slap (especially *From Now On*) but the music... ehh. The music is alright if you're looking at it from a pop perspective, BUT MUSICAL THEATRE IS NOT POP. STOP TRYING TO POP-IFY MUSICALS. As a musical enjoyer for a good chunk of my life, I enjoy this movie objectively (if you overlook the fact that they try to make P.T. Barnum look like a good person) because it's flashy and fun. HOWEVER. It would never work on stage, which is how musicals are meant to be consumed.

3. Doodles and all poodle mixes suck and doodle breeders are evil

This is actually one of the topics on this list that I'm the most passionate about because it's genuinely a problem. Poodle mixes SUCK. "oh but they're hypoallergenic" "oh but they're so cute" SHUT UP. SHUT UP. So many doodle breeders do that shit in their backyard, and as a responsible breeder, it's their job to only breed dogs with good temperaments and fantastic health. DOODLE BREEDERS DON'T DO THAT. Want to know why? When you breed a purebred dog, you're able to go back into both parents' history and check for their temperament and health to make sure that any puppies wouldn't end up with genetic diseases. When you cross-breed, that is impossible. So, you're rolling the dice with every litter of puppies because you'll have no idea how the two breeds mix. So, doodle puppies (and any integration of poodle mixes) end up with lots of genetic diseases that make the dog's life hell. Inherently, that's inhumane! Also, when breeders claim that their puppies are "hypoallergenic", THEY'RE LYING. You can't guarantee any of that when you cross breed. PUNNETT SQUARES, PEOPLE! I know most of you chuckle fucks never took high school biology, but thats how genetics work. Also, why are doodles costing upwards of 1k? Brother, that's a designer mutt.

Continued on page 8...

Continued from page 7...

You fucks never took high school biology, but thats how genetics work. Also, why are doodles costing upwards of 1k? Brother, that's a designer mutt.

4. Nickelback isn't even bad

So Nickelback is not inherently good, but they get too much hate. Animals, Rockstar, Burn it to The Ground... uh, they're all so good. It was a trend to hate them!! Their songs aren't perfect, sure, but to call them bad is a LIE.

5. Millennial grey is boring and sad

A good portion of you have been to my house before, and you'd know that the upstairs kitchen is all white and grey and sad. Millennial Grey is that very specific minimalistic IKEA lookin ahh shit where the floors are fake hardwood laminate that's grey. The walls are grey. The cabinets are white. The appliances are white. The countertops are grey. Everything is devoid of colour, and every time I step into it (before we added colour, of course) felt like getting sucked off by a Dementor. Why don't people want colour in their houses? Don't you want to look at your living space and see greens and blues and reds and oranges?? WHY DO YOU LIKE GREY?

6. Costco muffins kind of suck (7.5. Cranberry lemon muffins are the best)

As the new VP Chris always says, "the costco muffins are basically cupcakes. If you put icing on them, they'd taste the same". He is right. I know that the costco muffins are more cost effective for Leo's than the old Wholesale muffins were, but I mourn the loss of the cranberry lemon muffin every day. So tart, so sweet. I cry. I weep.

7. Skibidi is mid (now)

The Baseline Babes brought a masterpiece to C-Eng to which the scope has not been seen before. However, now that they're gone, none of you guys know how to enjoy a good thing in moderation and now

you've ruined it. Skibidi is so boring now. It's the same way as when you listen to a song you really like, but then you listen to it so much that you physically recoil whenever you hear it after a month hiatus. The "Not a cult" chant in the middle is weird. This could very well be a jaded upper year opinion of mine, but the lower year obsession with Skibidi is so goofy. Chill Gen Alpha, this is the wrong Skibidi for you. Do the toilet one. Idk.

8. Monster is better than Red Bull

This could be because I've only ever consumed a Red Bull while it was lukewarm and tasted like piss, but Monster is just so much better. There's a reason that Leo's only sells Monster and not Red Bull. There's more flavour options, you get more bang for your buck and the cans are cool. Duh

9. Beer is mediocre

I don't need to back this up. Lol

10. Denim on denim is not a fashion crime

JACKSUITS RISE UP

11. Reality TV sucks

As a bitch with a teensy eensy weenie tiny bit of anxiety, reality tv shows stress me out so bad. Between the second hand embarrassment or the fighting, it makes me want to crawl up into a ball and pass away. My roommates, however, love reality TV, so sometimes I'll sit and watch. Sure, it's entertaining, but it stresses me out SO BAD. Like, it makes me want to vomit.

12. If you still don't know how to sew... wtf are you doing?

Sewing is a skill that everyone should have. Ripped your pants? Sew it up. Your dog ripped off the leg of their favourite toy?

Perform emergency surgery and sew it up. Sewing is just really cool and versatile and not just for your snazzy Flightsuit. Hem your Reflections dress! Hem your pants!

13. If you're an adult and don't know how to recycle... ew

The first ever party I went to, I was certainly of legal age. My mum had agreed to pick me up at 11:30pm, so when she rolled up in the Knob Mobile, I threw my ass in the passenger seat and tried to feign sobriety. My mother is no fool. She asked me why tf I

was holding an empty can of cider in my hands, because we knew my dad would lose his mind. Why, dear reader, was I holding an empty can of cider in the passenger seat? Because I couldn't find the recycling bin, duh. If you're an adult and you're throwing chip bags in the plastic recycling, answer me honestly. Are you dumb? Do you lack brain cells?

14. Euchre is overrated

Trump this, bowser that. How bout you bowser some balls, bitch boy.

And with that, I conclude my monthly fixations as VP Puebes, and hand over the helm. Goodbye, dear readers. I'm free, lol



OUT GOING WORDS

AN ODE TO C-ENG



Kassidy "Third Times a Charm" Hammond
AERO IV

My name is Kass, and I had the privilege to be your Carleton Student Engineering Society President for 2023-2024. My term is coming to a close very soon, but before I go I'd like to leave you with this letter: a document of our accomplishments, a description of our challenges and lessons learned, and a recognition of all those who made this happen. I aim to be as comprehensive as possible here, but we've seen so much success this year that I may not be able to talk about everything.

We started the year off with a budget larger than anyone of us has probably ever seen. Some exciting new budget lines (some of which, admittedly, didn't age well), and some vacant positions. As we got going into the Fall Semester, we negotiated and then introduced a six figure collaboration with the Faculty of Engineering and Design, the Kostiuk Engineering Funding Collective, to replace the fleeting CUESEF stream, and put funding decisions in the hands of our students, and we secured it for five years. We developed partnerships and mutual understandings with aligned organizations on Campus, like CUSA and CASG, and saw fruitful returns in the form of Ollie's Discounts, passed referendums, and tens of thousands in scholarships for engineering students. The Carleton Engineering Competition hosted a record number of teams across 8 competitions in the Fall, FIVE

of those teams then made it to the podium at the Ontario Engineering Competition. Three of those teams then advanced to the Canadian Engineering Competition, and we saw two of them proudly represent Carleton on the national podium. We also saw nearly \$10,000 raised for Movember, \$2000 raised for CHEO, and \$2500 raised for Breast Cancer awareness month. We sold out for Whirlwind, and Reflections, each hosting hundreds of students. Leo's became fiscally sustainable this year (YIPPEE!), and continued to provide the Carleton community with cheap food and good conversation. We even hosted a successful ESSCO Hockey Tournament, AND we WON!

In the broader community, we saw successes across our student societies; amongst them: CMAS and CUBES' joint Folksy Wisdom, the CU Astro stargazing events, the DESoc Workshops, the SREESoc study nights, the CSCE pizza with profs, the SCESoc [redacted] with Profs, the IEEE and CMAS on CO2 cars, the IEEE WIE skills building sessions, the EWB advocacy and interactive workshops, the EngiKnitters weekly stitches, CUE's Scrooge and support of the EngiQueers Canada Conference, the Musical's wonderful performance impressed all those who attended (even the CUSA exec) and many many more of our clubs and societies engaged hundreds in their programming this past year. We saw new clubs further introduced this year, including EngiKnitters, AISES, D-Eng-D, and more, and look forward to seeing them continue to grow in the coming year!

On the design team front, Inspace competed at the start of the Fall semester in the Launch Canada competition in Timmins, demonstrating the first re-flight of a rocket, and only the second supersonic vehicle ever produced by Carleton students. Notably, they also won the team spirit award, proving our spirit is not limited to Carleton grounds. Our Blackbird

Unmanned Aerial Vehicle team won first place in the nation at their most recent competition, with their next design poised to revolutionize, demonstrating what our students are capable of. The Planetary Robotics Team has had the comeback of a decade, hosting successful design reviews and maintaining an active volunteer group exceeding 140 students; they are well underway in their aim to be the best in Canada this year. The Ravens Racing team has also seen record turn out for their meetings and fundraising endeavors, and look forward to making Carleton proud in Michigan this year. Our Concrete Canoe team is gearing up for another year of competition as the reigning Ontario champions, and fourth place team in the nation, and our Great Northern Concrete Toboggan Race Team is hard at work getting the team up and running from their COVID hiatus. The Troitsky Bridge building team hosted their largest ever small bridge competition with 26 teams in attendance, and a great cohort competed in Montreal this winter, returning with a whole slew of different awards. The Design League successfully hosted their annual designathon this winter as well. We have seen academic, professional, and social successes from all sides of our community.

At the intersection of all our successes, amongst many failures, challenges, and lessons, is a rich and vibrant Carleton Engineering culture that is more than eager to get out there and collaborate. This year has tested my leadership in ways I did not ever expect, but more so than that, it has built my sense of pride and expanded my perspective as to what is possible when we support each other, and when we ask for more. Through all the trials and tribulations, we cling to the one thing that makes all this unpaid labour worth it: walking into the 3300 block everyday to see people happy, to see people engaging, and to see people benefitting from the services and programming we can provide them. I would not have made

it without my incredible team, so a special shoutout to Nikita, Grant, Chris, Chris, Anneli, Zach, Taytum, Luc, and Knobel: you folks are my backbone, and the people I am so privileged to call friends. You have proven to me, to everyone else, and hopefully, above all, to yourselves, the capacity we all have to achieve something great when we are passionate about doing good and surrounded by a team that believes in the vision. I can only hope that Michael will be as lucky as I am, but by the looks of it, I have no doubt he will be. My directors were integral to our work this year, so a huge thank you to them, and all the others who signed up for CSES directorships, or directorships in our other clubs and societies. I'd also like to extend another special thank you to the support services beyond our student community that have made this possible. Associate Dean Rob Langlois is a powerhouse, and remains so committed everyday to do whatever he can to support us. Kirti, Cole, Emily, Ally, Alex, and all the others in the Dean's office have worked to uplift us time and time again, even when it increased their own workloads. And of course, Dean Larry. I do not know where we would be without him, and I mean that. Carleton is a better place with Professor Kostiuk at the helm, and I can never overstate how integral his support and advocacy has been to our successes (and to the Bridgehead profit margins). My last thank you goes to you: reading this Iron Times article is just one of the small ways you can engage with CSES and the broader C-Eng community. Your engagement is valued, it is appreciated, and it is essential to the strength of our community.

Continued on next page...

Thanks for having me. I am forever thankful for your support, and for the tenacity of C-Eng, for this community has changed the course of my life, and that of many others. I look forward to taking these experiences with me in my next adventure as President of the Ontario Engineering Societies, and continuing to be the most obnoxious, abrasive, aggressive, and authoritarian walking billboard for Carleton Engineering.

**Kass "Third Times a Charm"
Hammond**
President 2023-2024
Carleton Student Engineering Society
(CSES)

*omg...
madame president!*



*omg... MISTER
PRESIDENT!*

With love,

INCOMING WORDS



**Michael "Girl Money"
Silveira**
ELEC V

As the engineering community heads into exams, CSES prepares to transition to the next board and exec team. As president for the upcoming year, I am tasked with a mountain of very important tasks; some of which I would like to ensure you, dear reader, are aware of. Firstly, I would like to acknowledge some of the major successes of the society, namely in the way of the Exquisite Artisanal Embroidery Creations and Textile Embellishments team. Our embroidery service has risen from the ashes to become known nationwide as an embroidery service for students. It was able to provide over 110 patches to many students. Supporting student groups was at the forefront of the service, as we produced 7 runs of patches for events from CMAS to CUE. The pricing of embroidery (unlike leos muffins) was priced to perfection, leading to a slight

margin giving the team just enough to continuously invest in more fabrics to keep on hand, while keeping costs as low as possible for students. They plan to expand into the hat market in 2025, starting by practicing on the hats of Engfrosh Planning members, and then to bucket hats. I would be remiss without mentioning my beloved, the racecar. Sporting a large banana on the front wing and a smaller one as the shifter, It's one of the fastest cars designed by the team yet. Gearing up for the main event in Michigan, it still sports its garbage bag livery, complete with high tech CAD (Cardboard Aided Design) sidepod and radiator shrouding. In all seriousness, they have a busy season coming up, including 3 races in September, attending Ferrari Festival to drive as a demo, showing off the car at exotic car shows at Lansdowne and Montreal.

This next part is where I would talk about how successful our community has been, both in design teams and in stream societies and clubs. This would take up more pages than Em will give me, so instead please refer to everything Kass wrote in her article!

Finally, I will yap about issues I look forward to tackling in the next year.

Those that I do not look forward to can be found in the deepest depths of my brain, however there may be a small fee in order to unlock some of those. One of my goals is to finish the cleaning and polishing of our mascot, the gong. Other upgrades to it include a proper mallet to increase its ring, and potentially a new stand. I also look forward to working with VPSI to improve the fish stream to be continuous, with switching camera angles and an underwater camera. With the most important website upgrades, Michaelspotted.ca will soon be home to many such options for interaction including: live gps, full history, geoguessr mode, life360 integration, and presentation of the live map in the CSES office. Finding more rooms is a constant battle with the school, especially with the limited space for profs and faculty. My main goal over the summer is to review the procedure for distributing new rooms as we anticipate the possible gaining of up to 9 rooms along the far end of the 3300 Block. In line with this push, I also anticipate continuing the Monday morning tradition of emailing Dave Hunt to ask about storage spaces that may have become available. Finally, I look forward to the opportunity to petition the school to move the thing back into the middle of the quad, as the possibility of a

new building returns on the horizon. Maybe they will let us paint it pink again? We will see.

I would like to thank you, the average, everyday, Faculty of Engineering and Design student, for your time in reading this mess of words, and for your support and trust in me to do the right thing for CSES next year. If you don't think this, I hope you will reach out and let me know what you would like to see happen. Additionally, I would like to thank Kass, both for writing a much more eloquent letter to CEng, and for pushing me into this role encouraging me to fulfill such an impactful role in shaping our community. I would like to also thank the Ravens Racing team for their support in me taking this step away.

See you all soon,

President 2024-2025
Carleton Student Engineering Society
(CSES)

NO WAY HOME, BUT I GOT DISTRACTED



Beck Braun
IMD IV

Spider-Man: No Way Home came out on December 17, 2021, exactly 3 years and 3 days after the innovative artistic masterpiece, Spider-Man: Into the Spider-Verse. Into the Spider-Verse was the movie that got general audiences warmed up to the idea of the “multi-verse”, an idea that has since then become a lot more seen in mainstream content. It was already a thing; the character of Miles Morales was initially created in like 2011 and already relied on it. Not to mention, comic books trying to make sense of, like, all of their deaths and storylines that conflict over the decades.

Back to No Way Home. In the months leading up to the release, images started to come out and people were speculating on whether the previous two live action actors for Spider-Man, Tobey Maguire and Andrew Garfield, were coming back for this movie. I will be honest, when this happened, I assumed it

was just to hype up the movie. The Marvel Cinematic Universe (MCU) was still kind of dying after Endgame and people were just generally uninterested in Eternals, the previous MCU movie released only a month beforehand, in November of the same year. It was Spider-Man though, so it was going to bring people out no mater

what.
So I went into the movie thinking I was going to like it because it was Spider-Man, despite it not being good.

It was a good movie that finished off the trilogy well. The CGI had a few issues in some places, probably due to the MCU being shitty to the people working on it but that’s for another time, but otherwise, the story made sense and did not really get bogged down by too many characters being there. I think the fact that they focussed on having Spider-Man 2 -SOooOOoo Jordan Drew Trach just told me not to talk about Omegaverse here so instead of continuing my thoughts on No Way Home I will be talking about Omegaverse to spite

him. Jordan if you ever see this and this gets published for some reason screw you.

Anatomy in Omegaverse

So, you may have heard of Omegaverse. In reality, it is a very diverse subgenre of fiction, since a lot of it is written in fanfiction by so many different authors, you really can’t make a set of rules governing

They have less of a scent, but for the most part, similar to how bodies look in our world.

Omegas

Omegas are the ones that go into heats, which basically just increases their fertility. It also makes them produce a scent, typically just a stronger version of their usual scent. Omega females have basically the same anatomy as a cis female, with a uterus and a vagina and everything. Omega males however, have a uterus as well, but they don’t have a vagina. Outwardly, they look like a

all of the different bodies that exist in it. But there are a lot of reoccurring ideas that come up in terms of how bodies are categorized. Again, not final and I will be honest, I have never read a fanfic that has followed these rules, but they are a good baseline to understand stuff.

Alphas

Starting with Alphas, Alpha males have a pretty typical cis male anatomy, with the penis and everything. However, they have the ability to knot, which usually just means that the end of their “member” swells and locks them into the other person’s cavity. That can last anywhere from 30 minutes to even longer, but depends on the author. Now, with Alpha females, they don’t have an outward member, they have a retractable enlarged clitoris. They also don’t need a womb, so compared to a cis woman they have the testes where the ovaries usually are, and seminal vesicles going into what would be the uterus.

Betas

cis male, with a penis and rectum, however, they also have a uterus without that extra opening. The uterus is attached to their rectum via a cloacal flap (birds have them!) that typically only opens during heats.

There is a lot more and you will find a lot of fiction with different variations, but for your sake, this is it. :D

Welcome to proof that you don’t choose your hyperfixations. help.

RAMI'S DECLASSIFIED ENG SURVIVAL GUIDE



Rami Darwiche

ARCH (something something)
ENG

Greetings Engineering community! It is I, an old fart. As we are reaching the end of this academic year, my time as an undergrad is (hopefully, please don't murder me professional practice) coming to an end. My time here at Carleton has been... well... interesting, and totalllyyyy something I predicted was going to happen. I totally knew a global pandemic was going to occur which

resulted in half my time at Carleton was actually in my bedroom in Ninja Turtle pajamas.

Regardless, to the kiddies that are still new to Carleton and getting accustomed to the Engineering community, I got a couple tricks to ensure you survive any hurdle coming your way.

RULE NUMBER 1 (AND MY MOST IMPORTANT RULE): TAKE YOUR TIME.

I don't know who set this system up so that we are engrained with this mindset of trying to complete our programs as fast as possible to work as fast as possible, but no. Why? 'Cause engineering is hard. Trying to tell a student to take 6, or even 7 (yes I had to do this), is nuts. It can be mentally exhausting trying to juggle all of these courses, especially when you're trying to achieve the bestest of marks. Slow down my friend. Take that extra year or so and reduce that course load. If it means you can get the best of marks, then

go for it.

RULE NUMBER 2: (AND MY SECOND MOST IMPORTANT RULE): JUST HAVE FUN.

I went into engineering with the mindset of keeping it low key during my first year to "get used to the academic life" and then I'd hypothetically start being more active in the community second year and onward. It was going well, and then it all went downhill when this lil boo boo named COVID came into town. Just like that, goodbye social skills. The point that I'm trying to make is that as important the academic side to engineering is, it's also important to loosen up from time to time. I regretted not doing anything in my first years at Carleton. The engineering community is amazing, filled with amazing people and a wide variety of different activities you can partake in. If you wish to follow my first advice, what an unbelievable coincidence, your schedule should

end up being a lil bit looser. Join a club, go to a party or two, volunteer for Engfrosh. I'm not saying do everything engineering has to offer, especially if it affects your grades, but have some fun in the meantime. My final year, every spare opportunity I had to do something, I did it. What was the result? One of my best years in my program, getting to know so many people that I am so fortunate to have met.

With that, I'm gonna go study for my last share of finals I have to pass to get out of here. Thanks for tuning in and reading over this dinosaur's thoughts. Engineering can be brutal, but it can also be an absolute blast if you follow my simple two pieces of advice. Quick recap, take your time, and have some fun. With that, toodloo. While my time here has been rocking, I thank you all for making my last year the best year someone can ask for. One more tap on the table with my iron ring. Peace out.



WELCOME TO YOUR VERY OWN PWHL OTTAWA!



Michael "Crab Stick" Loh
ENG PHYS VI

To say that the inaugural season of the Professional Women's Hockey league (PWHL) was a resounding success would be an understatement. With an average attendance of 5 235 per game, over 200 000 Canadians, Americans, and Internationals have already purchased tickets to come see the best of the game play.

It's hard not to back such an innovative league that's wildly out pacing the dated and choking rules of the NHL. In this modern hockey league we get to see the 3-2-1-0 point system where team wins count for three points, and overtime wins and losses get 2 and 1 point respectively. This creates real incentive to close out games in a win whereas the 2-1-0 NHL system encourages boring its way to the olympics stalemate in the final frame. This standings update is one that has been preached for the past two decades since the elimination of the tie game. However, the other major rule change was an out of the box stroke of genius. In the PWHL, scoring on the penalty kill erases the opposing team's powerplay. That is to say the invention of the "POWER KILL". For a roster spot long considered an afterthought, the penalty kill squad is now an important and glorious role.

With the PWHL in its current form and with all the success and prestige it is bringing to the sport, one might wonder why this wasn't in place until now? Well the road to the PWHL was long and winding, paved with poor

business management, conflicting vision, and finally a group of brave individuals making the right call.

Women's hockey has been around in one form or another for the past century. In a very unsurprising twist Lady Isobel Stanley, daughter of Lord Stanley, was an early pioneer of the game.



Pictured here in the earliest photo of women's hockey in 1915. The leagues that followed would progress in fits and starts, same as the men's leagues of the time, seeing teams pop in and out of existence to compete in national tournaments, as well as minor leagues created mainly to generate interest in the sport of hockey, as it was in its early infancy. By the turn of the century, women's hockey was primarily being played at the collegiate level and only made its way to the olympics for the 1998 winter games at Nagano, Japan.

Unfortunately, gold was taken by the Americans that year, but we can rest easy since they've only won once since (2018).

Only one short decade after the introduction of women's hockey at the Olympics, players formed the Canadian Women's Hockey League (CWHL), in 2007. The purpose of this organization was to provide a space for the olympians to compete between Olympic cycles. As a volunteer run organization, the athletes were not provided a wage or travel compensation. This was still a good first step though and would become a locus for players to converge and begin the process of incorporation into a professional league. The first of which was the National Women's Hockey League (NWHL) formed in 2015. This would be a bit of a false start for the professional game as it faced many trials including financial mismanagement, poor wages (as low as 2000\$ per year NOT A TYPO), and no health benefits.

This resulted in a boycott of the league in 2019 by the newly minted Professional Women's Hockey Players Association (PWHPA). Forgoing the meager wages they were being offered by the NWHL, they went on strike to hold the league

accountable for their poor business practices and hold out for a better future for the sport. Many of the league's best were at the forefront of this boycott such as Brienne Jenner (OTT), Sarah Nurse (TOR), Hilary Knight (BOS), Liz Knox (Retired), and Kendall Coyne Schofield (MIN). This group would hold out even as the NWHL would rebrand and reform into the Premier Hockey Federation (PHF) in 2021, promising better wages and further external investment. Sadly the 'culture changes' to the organization merely papered over many inherent problems with the league setup. The PHF would last only two more years before folding quite dramatically last spring, which brings us finally to the formation of the PWHL!

The PWHL was created in quick and decisive fashion in June of 2023. After months of meetings with stakeholders of the PHF, PWHPA, and external investment, the PHF agreed to dissolve and pave the way for a new professional league. The PWHPA would come off of their 5 year strike to play for a league they believed in, and the PHF players would follow suit, to a league that promised significantly higher wages, benefits, and travel compensation. How was all this achieved? The Mark Walter group (Billionaire owner of the LA Dodgers) and Billie Jean King Enterprises (Lead by THE Billie Jean King and her partner Illiana Kloss) took over the assets of the PHF and formed a proper league ownership group that owned all the teams, rather than having a league commissioner and individual ownership groups for each team. Effectively, they went from a league trying to imitate the NHL to a league with a healthy financial identity.

They also created a proper collective player bargaining agreement and players association, headed by the legendary Brian Burke, that has netted fair benefits and fair share of revenues to the players. The league minimum wage went from the PHFs measly 5000\$ to 35 000\$ and is set to rise by 3% per year minimum. The salary cap is now 1.2 million dollars which is certainly a far cry from the 82 million dollars enjoyed by the NHL. However, with the success of the current league and backing of the PWHPA, external investment has already started warming up to the newly christened league. They also receive travel compensation, housing allowances, and health insurance, woo!! All this to say what relief this must be for the athletes whose life calling was previously requiring them to work part time jobs to stay financially solvent.

Now we have a league with the best players, revamped rules, and livable wages, what's next?

Well for the hockey fan that's been a die hard Sens fan for the past 6 years, following a team with a real shot of making a dent in the playoffs is a massive draw. Also for Leafs fans who wake with wet pillows dreaming of a pink stanley cup, watching an actually strong Toronto team that is currently straddling the top of

the standings is a massive draw.

Lastly I'd be

remiss

not to mention

it, for every

non male hockey

fan, watching someone of your gender tear up the ice at the highest level of sport is what dreams are built from.

This league is a dream come true for so many players and so many little kids who get to see that their favorite sport won't leave them destitute, and get to see their olympian heroes come to life again after 5 years of grueling strike.

All in all go catch a game at TD place, it's literally walking distance and you can get sloshed ahead of the game at the lansdowne LCBO (I mean seriously who puts an LCBO next to a sports arena you are just

begging me to sneak in a goon bag of cottage springs). Check out the PWHL youtube to stream the games FOR FREE and tiktok with actually enjoyable content from real humans that haven't been media trained into oblivion (Looking at you NHL).

Upcoming games:

April 20th Ottawa v Minnesota (ex PWHPA directors Brianne Jenner (OTT) and Kendall Coyne Schofield (MIN) duke it out)

April 24th Ottawa v Boston (Alina Muller (GER) the 2018 Olympic leader comes to the Capital)

April 27th Ottawa v Montreal (Ottawa picks a fight with "Captain Clutch" Marie-Phillipe Poulin)

April 30th Ottawa v New York (New York has been faltering all season go watch a dub)

May 5th Ottawa v Toronto (Battle of Ontario!!!)

Bios to checkout:

Brianne Jenner (Captain of PWHL Ottawa, and executive of the players association)

Marie Phillipe Poulin (Captain of Team Canada dubbed 'Captain Clutch' having scored the game winning goal in 3 out of 4 olympic appearances and Captain of PWHL Montreal)

Sarah Nurse (PWHL Toronto 2nd in scoring and 2023 EA Sports NHL video game cover athlete)

Billie Jean King (Legendary tennis player, and advisor to the PWHL)

Brian Burke (Executive director the PWHL players union, legendary NHL GM, and noted LGBTQ+ ally)
Mark Walter (Owner of the LA Dodgers and owner of the PWHL)

Storylines to watch:

Ottawa's high octane offense leads the league in goals, powered by Brianne Jenner (C), Katerina Mrazova, Daryl Watts, and Emily Clark. Still has questions in net with league bottom goals against. Run and gun baby!

Toronto's 11 game win streak cut short by OTTAWA! Still top of the table... Natalie Spooner leads the league in scoring and continues paving the way for Toronto's playoff berth.

Montreal continues to struggle despite star power, could a late surge from Boston and Ottawa unseat them from their playoff spot?

Why the city names instead of team names? The PWHL was founded in June 2023. For professional leagues such as the NBA, NHL, and MLB a rebranding for teams takes between 12 and 16 months. After discussion with top league officials from the MLB and NHL they were advised to not rush the process and to keep it simple year 1. Next year they will be unveiling the new team names so do not fret.



CARLETON CAMPUS STUDY SPOTS

A Comprehensive Review



Xuan-En Tan
ARCH ENG I

Throughout my time as a first year I've found myself on a quest to discover the best study space. Now, I present a ranked list for your convenience as we approach exam season. To me, the main boxes the prime study space would check are: does it have a good office chair with good back support (ya girl has horrific posture and even worse back pain because of it); natural light and how much; is there a big desk; study vibes, do I feel like the atmosphere encourages studying and is it quiet enough for me to focus (I look for serene spaces to study in) and finally, are there outlets? If you really like studying in a place I didn't give it a good rating, maybe reconsider your study space standards but please don't attack me in the halls of mackenzie.

Enjoy!

Any place with those weird metal food court tables (3/10).

✗Office chairs, ✓✗ Natural light, ✓✗ Big desk, ✓Outlets, ✓✗ Study Vibes

Carleton, there are so many furniture options. Please do better. The less than zero back support chair is attached to the table and it's an awkward distance away.

4th/5th/7th Minto (7/10)

✗Office chairs, ✓Natural light, ✓Big desk, ✓Study Vibes (7th especially!), ✓Outlets

3rd/4th Minto - The lighting is pretty nice! The tables are pretty good sized but those metal seats are a hate crime. The vibes are pretty

studious but be warned, there may be someone trying to learn all of River Flows in You by Yurima on the piano downstairs and they keep getting stuck on that one part so they're going to repeatedly practice until they get it right or until your ears bleed. Whichever happens first.

5th Minto - There's a computer lab!! Room....idk. It's on your left when you go up the elevators! Good lighting, lots of monitors/computers but if you're just looking for a good desk, to do homework problems or use your own laptop there's better options. For all you fellow first years, may I present.....Elsie MacGill Learning Center(with good upper year tutors FOR FREE btw) located in RM5030 is a study lounge only 1st yr eng students have swipe access to after 5pm on weekdays and anytime on weekend. It's a nice spot WITH whiteboards and desktops!! Your welcome.

7th Minto - It's kind of hidden but if you go by the far back wall when you walk off the elevators there's some of those horrible metal chairs and food court tables. It's quiet though.

3rd Floor Richcraft (8.5/10)

✓Office chairs, ✓Natural light, ✓Big desk, ✗Outlets :'), ✗Study Vibes

The individual desks that look out onto the river <3 wow. Just wawwww. There must be something about the water cuz when I look out there my thoughts also start flowing. And don't get me started on how big those desks are AND THE BACK SUPPORT. During the day, all the sun's rays go through those windows so bring a hat or some sunglasses. There are no outlets though so if your laptop always needs to be on life support, I'm sorry. On weekends though, the classrooms aren't used so there's outlets in there and even more space!

Azrieli Pavilion ID conference rooms (10/10) study space (2/10) not really open to all students :')

✓Office-ish chairs, ✓Natural light, ✓Big desk, ✓Outlets, ✓Study Vibes

I went there once and considered switching majors. So many windows, huge tables, it was quiet on the weekend and the chair was nice.

WiE Lounge (9/10)

✗Office chairs, ✓Natural light, ✓Big desk, ✓Outlets :'), ✓Study Vibes

Women. It's quiet. Everyone is so nice! Need I say more? The chairs aren't office chairs, but they're pretty close! If you show up and all the tables are occupied just ask someone if you can sit at their table! People always(in the 10+ situations I've asked) said yes to you working at the same table as them. Only down side: the lounge should get MORE natural light.

EDC Design Rooms (8/10)

✗✓Office chairs, ✓Natural light, ✓Big desk, ✓Outlets, ✓Study Vibes

What a space. I don't know who the architect/engineer is but I want to shake their hand. The spaces could be reconfigured to maximize the usable space though.

Health Sciences 2nd Floor (8.5/10)

✓Office chairs, ✓Natural light, ✗Big desk, ✓Outlets, ✓Study Vibes

If you have never been there, there's high top desks with back supported bar-stool-like chairs at them. The desk is not very deep but it does the job. Be warned: there was in fact a sign that said this is a study space for neuroscience students..... but it didn't say it was only for neuroscience students so..... study at your own risk and don't say you weren't warned.

Library (7/10)

✓Office chairs, ✓Natural light, ✓Big desk (mostly), ✓Outlets, ✓✗Study Vibes

Idk, I sometimes don't feel the study vibes. And the conversation floors are a little too distracting for my taste

but the quiet floors are great! I don't love the chairs at them though and the library as a whole gets quite busy at times. And on weekdays the study rooms are full/booked all the time.

Eng Society Offices (6.5/10) studying, 100/10 yapping

✓Office chairs, ✓✗Natural light, ✓✗Big desk, ✓Outlets :'), ✓✗ Study Vibes

I'm a yapper, I see people, I yap. I can't study and yap. I know CMAS has quiet hours, but...aerospace scare me (not Jack T.L tho). Only two offices have windows, and I like my windows. After hours though, the offices are quite nice.

Leo's Lounge

Idk? You tell me?

St Patrick's Bldg, 3rd Floor beside Stairwell B (8.5/10)

✓Office chairs, ✓Natural light, ✓Big desk, ✗Outlets, ✓Study Vibes

Who goes to this building? My point exactly. It's quiet and the only people going there are usually the profs that have their offices there. It's quiet. Hidden gem study spot, good window, spacious table, Solid office chair selections(there's a random selection of chairs but they're all pretty nice). It's quiet. It's also next to the women's restroom. But there's only one table so it's a battle to the death. BUT if that table's full, check near stairwell C, similar situation.

So yea, there's my review of the study places I've found on campus. If you have a good place please let me know! I would love to one day officially say I've found the best spot on campus to study :). Godspeed soldiers as we head into finals.

Eating Your Way Through Middle Earth

with Bailey Lenihan - EngPhys VI

So I hosted my (sort of) annual Lord of the Rings marathon recently, and as expected did a lot of cooking! I've been hosting this event since high school (yes, I was very popular) and I've found a lot of cool recipes to make and eat along with the characters in the movie. If you're ever curious, I'm currently working on a time stamped version of the schedule with all of these meals and more.

Pan-fried mushrooms

1. This was new this year! These are eaten after the hobbits fall down a hill and find a patch of mushrooms, and then basically trample each other in the rush to get to the mushrooms the fastest. I bought a huge container of mushrooms at Superstore for like \$5 for another recipe earlier in the week and still had a ton left over. I would stick with smaller mushrooms, as the big ones didn't cook all the way through and just ended up rubbery.
2. I watched a few videos on how to properly cook the mushrooms. Basically, you just need to pan fry them for a really long time so that the moisture is released, and then keep cooking them in butter or oil until they get browned. I also threw in some dried herbs, salt and pepper.

Second Breakfast

1. This is the scene where they ask "what about second breakfast" and Aragorn whacks Pippin in the head with an apple. We ate apples.

Tomatoes, sausage, nice crispy bacon (and eggs)

1. This marks the first of many Pippin mistakes in the trilogy. It's the scene where the hobbits decide it's smart to light a fire and start cooking "tomatoes, sausage, and nice crispy bacon" in the middle of the night, while being haunted by the undead. If I was more annoying, I'd say that this was included by the filmmakers to demonstrate the innocence and well-meaning nature of the hobbits. But I won't.
2. I cooked the bacon and sausages first, and was very quickly reminded why I no longer cook bacon or sausages. And it's because they will cook you back. The amount of grease is terrifying and it will fly off and hit you. 0/10, don't recommend. I wore oven mitts and stood as far from the stove as possible. The sausages also stuck all over the frying pan and it was really annoying to scrub off. To avoid grease, you could always use turkey bacon, which makes a lot grease but also doesn't taste quite as good (IMO)
3. I also tried to fry tomatoes, but they just ended up super mushy. Maybe I'll actually learn how next year.
4. Oh and the best part was frying eggs in the bacon grease after the bacon was done cooking. Don't use the pan that you cooked the sausages in though, my eggs got very stuck.

Lembas Bread

1. This is for when the fellowship leaves Lothlórien on their canoes
2. So this is a recipe from a Lord of the Rings fan page circa 2005, which MUCH better page navigation than Carleton Central. No idea how I found this website, but they have so many Lord of the Rings themed recipes it's kind of impressive. Idk if I can put links in here but: <https://lotrscrapbook.bookloaf.net/other/recipes.html>

3. It's kind of like a biscuit dough. So after preheating the oven to 425°F, mix together 2.5 cups of flour, 1 tablespoon of baking powder (though I'd recommend less I think), and ¼ teaspoons of salt. Add ½ cup of butter and mix in until it kind of looks like sand. Then add ⅓ cup of brown sugar and 1 teaspoon of cinnamon (and other spices if you want), followed by ½ teaspoon of honey, ⅔ cups of heavy whipping cream (or milk), and 1 teaspoon of vanilla.

4. Roll out to about 1 cm thick and cut into squares with crosses on them (look up photos for reference). Bake for about 12 minutes, or until golden brown.

BBQ Ribs

1. "Looks like meat's back on the menu, boys!" (this is when the orcs eat one of their own)
2. So my roommate made these, idk what exactly she did but I think it consisted of putting a bunch of thawed pork ribs (bought them on sale ahead of time and froze them) into the slow cooker with a bunch of Diana sauce for about 4-6 hours. They were so good.

Ent Draught

1. So back to reality, we had to write lab reports due 30% of our final grades that weekend and unfortunately, this cut into our movie time. So we were very happy to have the iced tea I made as a light afternoon refreshment. The night before the marathon, I filled a Dollarama juice jug with hot water, 6 peppermint lemongrass green tea teabags, and a bit of honey. Put it in the fridge overnight and the next day we had an energizing and refreshing drink.

Gummy Fish and Gummy Worms

1. In the second movie, we watch Gollum eat a worm and later some fish. We simulated this with gummy fish and gummy worms for an afternoon snack.

Gross Soup

1. There's a scene where Éowyn serves her crush a disgusting stew. I was trying to look up whether it was an extended edition scene to include that here, but the only results I got were reddit posts of 1500+ words about what's the point of the scene, what message was Peter Jackson trying to send? Nerds. Anyway all this to say, we decided (with full stomachs) that it would be more in the spirit to not eat any stew that afternoon.

Beverages Etc.

1. We open the third movie to the hobbits smoking "pipe weed" and drinking a lot of beer. Since it's around 6-7pm, do with this what you will.
2. A trappist ale or anything with an old fashioned label is fun if you're keeping with the medieval vibe.

Roast chicken, grapes, and tomatoes

1. This is the scene where Denethor sends his son Faramir into a deadly battle after telling him he wished his son was dead. Dark stuff. Made even darker by the disgusting way he eats his dinner, it is truly hard to watch. Good scene though.

Continued on page 17...

GIRLBOSSING TOO CLOSE TO THE SUN



**Eliana "Money Moves"
Schartner**
COMP SYS III

The Giza Pyramids were constructed around 4500 years ago to house the tombs of Egypt's pharaohs. However, in present day pyramids have been taking on a new, more malicious intent, in the form of business models. Just like the ancient pyramids, modern pyramid schemes are built on the foundation of mystique and untold riches to those who dare venture inside. Pyramid schemes are fraudulent business ventures that revolve around recruiting an ever-increasing amount of investors without ever selling a product and are strictly illegal. However, there is a similar beast that is prolific on Instagram and seems to be attracting all the #bossbabes: the MLM.

It seems like it's pretty common to get a "hey girly" text from a girl you went to high school with asking if you would be interested in joining a (downstream) business venture because they "think you would kill at it". Before we get too into it, let me run you through what an MLM is, if you don't already know. An MLM (or multi-level marketing) is a business structure that typically allows for participants to make money in 2 ways; through selling their products to customers and by recruiting new sellers. By recruiting new sellers in their "downstream", participants will receive a portion of their commission. This results in a pyramid-like structure, however

since there are products being sold and you can technically make money through selling products, they are not legally quantified as pyramid schemes. As such, these "business ventures" are enabled to disguise themselves as legitimate business ventures they typically prey on young, financially unstable women.

At a time of severe economic instability people are eager to find any way to make a livable income. For women, especially mothers trying to juggle family responsibilities and work, the idea of being able to be their own boss, work from home and make their own hours is very appealing. The pressure to "do it all" is something many women understand. It's not enough to just have a successful career, they must also take on the bulk of family responsibilities and homekeeping. My mother is no stranger to these expectations as a part-time nurse with 6 children, so it's no wonder that when her friend came to her with the healing power of essential oils, she bought in (just a bit).

If you visited any white suburban home in 2018, you would not be surprised to find the place littered with essential oils and diffusers. DoTerra's essential oil products are distributed by "Wellness Advocates" who get commission for products they sell and the products sold by their recruits. Under the false guise that essential oils could boost the immune system, contribute towards weight loss and cure autism (infamously caused by drinking cow milk), our home was soon filled with DoTerra's

overpriced essential oils. I distinctly remember my mom's essential oil party where she had a friend over to sell oils and harp about their benefits to the rest of her friends. If you've never experienced the joy of your mom covering your mouth with an essential oil-covered cloth telling you to "breathe in" while you were sick, you haven't lived. Thankfully, she never became a full-blown "Wellness Advocate" but a lot of people did.

The vast majority of people involved in MLMs are lucky to break even, with only 1% of participants turning any profit. With people spending an increasing amount of time online, the market is becoming more and more saturated with people promising an easy 6-figure income that can be achieved at home through a few hours of work a day. Influencers are touting their success stories to their money followers in the goal of recruiting them or selling their product. This problem has been further compounded by all those motherfucking online courses for sale.

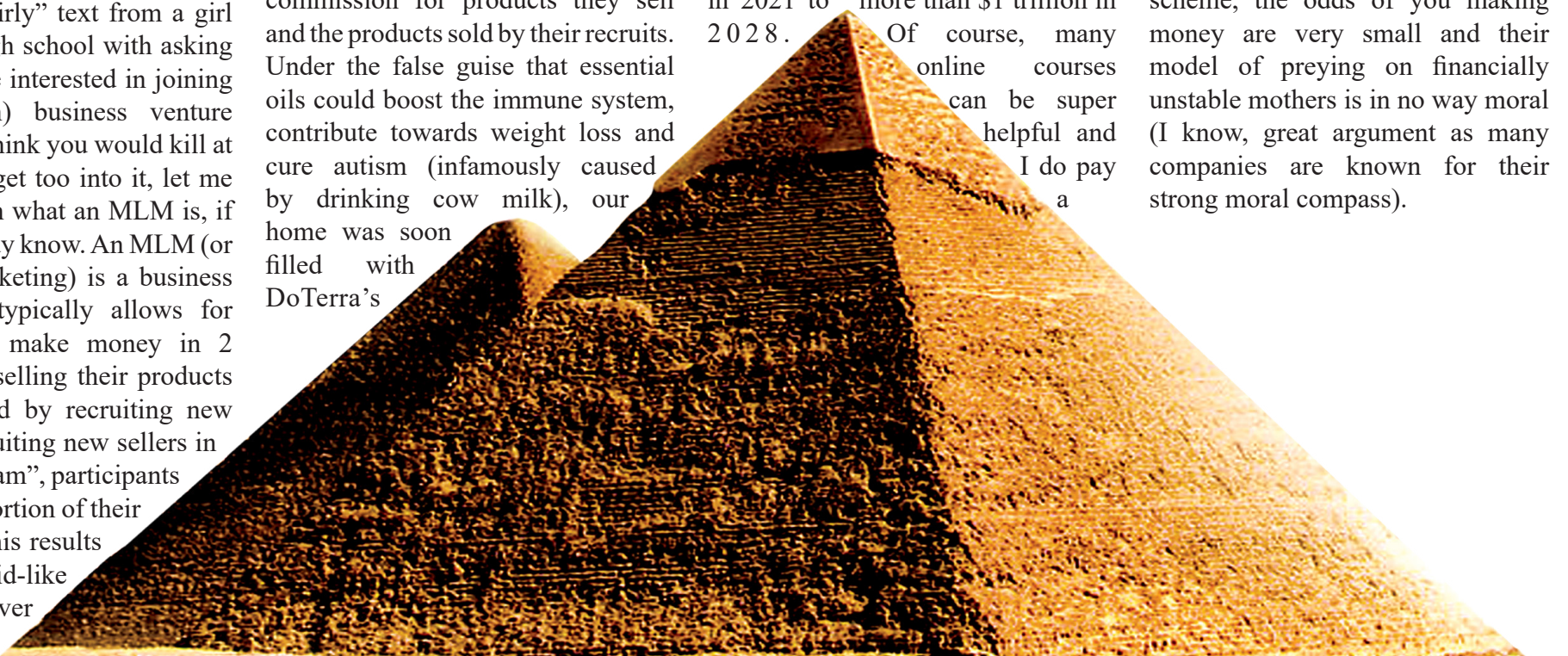
From dropshipping to affiliate marketing to building a following, if you wanna make it big in any of these domains, all you need to do is buy my course. The eLearning market size is projected to grow from \$315 billion in 2021 to more than \$1 trillion in 2028.

Of course, many online courses can be super helpful and I do pay a

monthly subscription fee for A Cloud Guru. However, some of them are bullshit (not mine though). For \$399 I will give you a fool-proof guide to making your dreams of financial stability come true. Not only that, you also receive master reselling rights. That's right you lucky duck! You can sell my course to your followers too and make money moves just like me. The possibilities are endless and profit is inevitable.

My final qualm with MLMs is their community. Operating similarly to a cult, MLMs invoke a sense of community as you work alongside others to achieve your dreams as recruiting new members relies on the perception of friendship. I'm not trying to take your money, I'm trying to help you grow and become a successful #girlboss. Lawyer Douglas Brooks states "[in MLMs] you're trained to avoid people who question whether this is a viable business or not. Which is exactly the same technique that cults use—they try to isolate you from people who question your belief system." If you don't succeed, it has nothing to do with our business model, rather you just aren't working hard enough.

In conclusion, fuck MLMs. Just because they ain't legally a pyramid scheme, the odds of you making money are very small and their model of preying on financially unstable mothers is in no way moral (I know, great argument as many companies are known for their strong moral compass).



A SUMMER OF MONEY MOVES

(Side Hustle Edition)



NOT Eliana "Money Moves" Schartner
COMP SYS III

Summer is near and y'all know what that means. It's time to make some money moves! As someone who dabbles in having over \$1000+ in credit card debt, I know it's time for me to get on that grindset. One full-time job just isn't enough for someone with my spending habits, so I'm going to teach you about some summer sidehustles (and their probability of success); in ascending order.

The first side hustle, with a success rate of a measly 0.4% is **multi-level marketing**. If you've read my previous Iron Times article, you already know how I feel about product-driven (basically, but not legally) pyramid schemes. Start-up costs to join one of these bad boys can be anywhere from \$50 to >\$1000, and you'll be lucky to break even. However, if you feel like you've got what it takes to be one of the lucky 0.4% this may just be the side hustle for you.

The second side hustle, with a success rate of 2.63% is **playing roulette**. More than 6x more likely to make you a profit (compared to a MLM) is betting on just one number in roulette. Additionally, rather than making any amount of money, a bet

like that will give you a 35:1 payout. Not too shabby. Not only that, but gambling drives your brain to release the classic feel-good chemical dopamine. A win-win if you ask me. The third side hustle, with a success rate of 10% is a **classic pyramid-scheme**. Unlike multi-level marketing, this pyramid-structured business is not product-driven. This is what makes it illegal. However, with high risk comes high reward. If you can feel the blood of Charles Ponzi running through your veins, this may be the summer side-hustle for you (just keep me outta it).

The fourth side hustle, with a slightly higher success rate of 10-15% is **day-trading**. Day trading, if you don't already know, is the practice of rapidly buying and selling stocks (typically within the same day) to try and capitalize on short-term price fluctuations. If you have good knowledge of the market and volatile stocks or manage to invest early

in a meme-coin (think dodgecoin to the moon), it may be time to give day-trading a shot. As well, if you're in the know, insider trading is very difficult to prove or prosecute so that's also an option.

The fifth option, coming in with a success rate of 10-20% is **dropshipping**. If you feel as though your time to become a passive income bro is nigh, it may be your sign to pick up dropshipping. I will add however that dropshipping, the practice of selling inventory you don't have in stock, is the bane of my existence. If you've ever wondered why Amazon is full of products that have different names and brands but the same photo image, dropshipping is likely to blame. If you're interested in becoming an independent, poorly-paid contractor for Amazon dropshipping may be for you.

The sixth and arguably best side hustle, picking it up a notch with a success rate of 39%, is **becoming a small business owner**. If you've got an artistic streak, love to clean, are good at planning events or literally anything else, a small business may be for you. With endless possibilities when it comes to your product, anyone can start a small business. If your business is well-marketed then you may just become one of the 39% of people with a successful

small business. If my mom could find success selling dog bandanas, I'm sure y'all could succeed too.

Now that y'all have heard some super awesome side-hustle ideas, it's time for you to go forth and make money moves. I have full faith that you will succeed in whichever method you chose (unless you chose drop-shipping, then I'm rooting on your downfall).

Eating Your Way Through Middle Earth continued...

3. Next I melted 2 tablespoons of butter and mixed them with 2 tablespoons of olive oil. I grinded up some dried rosemary (so it wasn't spiky) and added it along with some oregano, summer savoury, cumin, salt, and pepper (no idea on the ratios, but it was mostly rosemary). This got rubbed onto and under the skin of the chicken, which went on top of the potatoes.

4. Tucked the wings under the chicken so they wouldn't burn, and put a lemon inside of it (idk some guy on youtube told me to). Cooked it at 425°F for what felt like hours but was probably 2 at most. Check that it's at 165°F using a meat thermometer in the largest part of the breast; that's when it will be done

5. We ate the chicken and veggies with the worst sourdough I've made in my life. Sometimes things just don't work out.

And that was about it! This got much longer than I expected, but it was honestly super fun and a great way to relax in the middle of the semester. Can't wait for next year!



MY TOP FIVE TEEN BLUNDERS



Bramble "The Saltler"
Bramble
COG SCI III

Hey guys I don't know what bus stuff to write about this month but I always have shit from my teen years that would make a decent article so have an article about my blunders.

Watching Voltron

Those who have seen Voltron know what I'm talking about. I'm sorry you had to go through that. But yeah getting super emotionally invested in a show where they constantly queerbaited me and also the fandom sending death threats to the creators over said queerbaiting... yikes. I read an embarrassing amount of fanfiction about Voltron and also made a youtube crack video about it and the Voltron intro theme was the only song I ever learned on the drums. I played it so many times that I learned the drum part by ear. I am not joking when I say I would go downstairs and practice the Voltron intro on the drums for like an hour straight.

Working for Tim Hortons

I feel like this one is pretty self explanatory. Like, you gotta start somewhere when you get a job but I think maybe start somewhere else. My mom applied to this one for me so I didn't have a choice. It fucking sucked and if it weren't for all the gay people at the Tim Hortons I worked at I would have quit far sooner. Getting screamed at by old people in Almonte because I didn't toast their bagel enough was so fun. Also I almost set the toaster on fire one time because I put the bread in the wrong way.

Watching Supernatural

I can at least give myself credit for stopping at the 6th season of Supernatural before getting too invested but at this point the damage was already done. I bought Supernatural merch and wore it to school at least once a week. I talked about it to anyone who would listen to me long enough. I (unsuccessfully) tried to get my friends into it. I managed to get my mom to watch it so I could talk to someone about it. When I tell you I've got that dog in me the dog is hyperfixating on TV shows.

"Smoking" Oregano

This one is just a symptom of my brain not being finished cooking. You always hear about people selling oregano to high schoolers but telling them it was weed so I thought it would be funny to roll some oregano up in a piece of newspaper and light it. Taking a hit of the oregano newspaper joint resulted in inhaling bits of oregano and probably also chemicals from the newspaper.

Talking to a 24 year old on discord and having to try to convince him not to kill himself

Yeah I'll accept this discord DM from a random guy from a Discord server I am also in. Who joked about being my "internet boyfriend" and venting to me about all of his issues and grievances and when I told him to talk to a therapist he said "therapy doesn't work" and continued trauma dumping. Luckily I saw through his bullshit and blocked him before anything bad happened but I firmly believe if a 24 year old is DMing a random 17 year old on Discord they probably don't have good intentions. Please remind your local 17 year olds to not talk to creepy older people on the internet but if you are 24 please refrain from DMing them on Discord to tell them that. Do not do that.

My final word to you is that cringe culture is dead and while I was cringe losercore in highschool and probably still am, I am free.



Pictured: 15 year old me



TAYLOR SWIFT

A MUSICAL AND PSYCHOSOCIAL GENIUS



Shanna Peper
HLTH SCI III

Any die-hard Swiftie can (and will) tell you how incredible Taylor Swift is as a human, musician, publicist, performer, etc. Also, fun fact about me - I am one of said die-hard Swifties. In this essay I will--

The world is not worthy of Taylor for several reasons. First, she is a musical and lyrical God capable of making grown men cry (I've seen it).

Second, she is an adorable little bean of a human and people are the worst to her but she still somehow remains a badass (I could literally never). Third, she KNOWS her fans and is a top fucking tier businesswoman. Like hot damn girlboss.

I was going to write a whole article about how much of a musical genius she is but I had a project to do and my brain cells all disappeared so this is going to be about how cool she is instead. I'm not sure where this is gonna go but oh well come along for the ride if you dare.

Taylor Swift is a goddess among us humans. She has written more albums than I have brain cells, and somehow manages to remember songs from like all of them every time she performs. If you haven't seen her perform, do it. Go watch the movie now. It's on Disney Plus.

This woman is an artistic genius and I have no idea how she does it. On top of that, she is an INSANE athlete. Everyone in the musical (or anyone who's ever danced in a musical) can tell you how fucking impossible it is to sing and dance at the same time. It's fucking EXHAUSTING and this "human" managed to do it for more than THREE HOURS every time she performs. I would literally die. I wish I was exaggerating.

She's also the world's best publicist. The girl has sold out every show at her more-than-a-year-long tour (which I'm going to see in July alskdjaskjdhsajdfklsjdfjas) and is a literal billionaire EXCLUSIVELY from her music - no movies, no side gigs, just her music career. Btw, she's the first singer to ever do that, which is massively crazy because she also did it before any man could (girl power for the win).

Swifties are nothing if not loyal to their mother, and Taylor is well aware of that fact. She knows that her fans hang on her every word, which works terrifyingly well with how crafty the woman is. Apparently there are "hundreds" of easter eggs in the LWYMMD music video alone, and us Swifties (no, I'm unfortunately not above this) will spend way too much time being delulu and scouring her social media and videos for hints about next albums/songs/announcements. She also knows EXACTLY how to tease her fans. I will say that it's a little bit sad how much we all eat out of her palm, but I also don't really care because I barely had any self respect to begin with.

Back to the incredible human thing - the woman is so close with her entire crew. Like, every single member. She gives her truck drivers insane bonuses, and apparently treats them like gold (which she should, but it's unfortunately not the standard). She's been working with some of her band members since 2007 (for context, her first album was released in 2006). Same deal with her backup singers - she's been working with most of them since the RED era, which is wild and also destroys my hope of being one because they're all so tight knit :(

This woman has my heart. And my soul. And some of my brain. Tbh there isn't much of that left, and admittedly too much of it went into writing this article.

I love you all, have a good Summer, and listen to TTPD on April 19th.

Sincerely,
The Chairman (I just did that to feel cool let me have this)



WHAT DOES *VOLUNTARY* HELL WEEK LOOK LIKE IN JANUARY?



Carter Rhind
AERO C III

GET ME OFF THIS FUCKING GROCK! Wadda ya'at b'y? I am here to enlighten you on how to properly experience the perfect January. Have you ever thought to yourself that January was a bit boring? You have to go home and talk to family that you don't really want to talk to, tell them how concrete tastes, explain to them every detail about a plane you can hear from 30 miles away even though they don't care, or worse be a electrical engineering and explain to them that a bread board is not made of bread. Well unfortunately that is how Hell Week begins, at least for me it was 5 hours commute home, spend 4 days straight with 4 different families with southern Ontario being covered by FOG? Man, I miss the sun. ok let's get to the juice. Starting off strong, fly out to Newfie town and talk to people who don't know how to speak proper English. By this I mean go to the Canadian Engineering Leadership Conference (CELC). This was my very first conference and it was very influential and a great place to learn and grow. CELC this year was hosted by MUN. There I got to learn all sorts of useful and not useful information. Did you know that it is very hard to sustain yourself living on only pastries and rice for a week straight? I don't want to see a croissant again for a long while. I didn't quite understand what it meant to long for protein or fruit or veg. Worst yet was the longing for fiber... However

I did get to learn many valuable strategies I think you could also find very useful. Branding. Find your brand and stick to it. Pick a strong colour palette and image styles. Being consistent in these areas will help you build a recognisable brand. Soon your audience will be able to recognise you by your colors or logo with no other context. A great example is the CFES Instagram. Another useful tip I learned for developing a strong leadership team from top to bottom is to ensure you create a strong team culture. When formatting your team it is sometimes more important to hire a candidate you believe will be able to mesh with your team rather than the best overall candidate on paper. Building this team culture comes from the extra things. Obviously building trust is important but ensuring you have bonding times to learn who your team is. Ensuring you set expectations that are sustainable for your team and allow them to flourish are the most important things you can do to help curate a strong team culture.

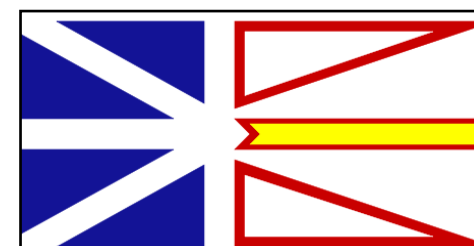
I learned that the president of The Association of Consulting Engineering Companies (ACEC) was a Queens grad and suggests it must be a great party when an ambulance is found outside the hotel. Speaking of Queens, I decided to trap myself on an even worse rock by attending OEC (Fuck Queens). Turns out, OEC WAS STUCK WITH CARLETON BABY. We brought the hype all weekend long and although we weren't allowed to tell people what school we were from we sure as hell showed 'em. Your very own Carleton Engineers podiomed in 5 of the 8 competitions we competed! The Re-Eng team of Monica Paul and Myself (Carter Rhind), placed 3rd. The Consulting team, Programming team, and Sr. Design team all placed 2nd and will be competing at the Canadian Engineering Competition hosted by UCalgary in march

(I'm not jealous you're jealous :(((((((())! And last and certainly least, your lovely Bio-Eng team placed 1st overall, cementing Carleton as the top biomed school in the province and country since CEC is LAME and does not host Bio-eng at the national level. Also a huge shout out to the incredible work of Anneli and Alexis who supported the team not only during C-Eng-C but got their cardio in at OEC and made it possible for all of us to compete as well as we did. Most importantly, by exceeding expectations at OEC, we are continuing to spend the CSES budget which was a very large source of inspiration during the c o n f e r e n c e .

My rest was very short lived as I found myself hoping on the O-Train to visit a hole in the city. CALE was just a short throw away hosted by a farlesser school than Carleton. They may be a whole in the ground but PLEASE CARLETON GIVE US STUDY SPACE. HOW DOES A WHOLE IN THE GROUND HAVE A BETTER STUDY ENVIRONMENT THAN US. ALSO their eng-soc is a concession stand in the basement of an old prison looking building. Mackenzie but worse. CALE was a great opportunity to continue to foster external relationships with engineering students I met at those previous conferences. I got to learn a lot more lore and realized Carleton has a reputation to uphold. We used to rain terror with pranks and we must return to our glory. The conference was a great opportunity to learn more about ESSCO and what they do. If you haven't learned about ESSCO they are the Engineering Student Society Council of Ontario. This is CSES but for all of Ontario. All the current executives were some of the coolest folks I have met, Besides this Raf guy but if he does transfer to Carleton like he said he would I'll change my mind. Please look into ESSCO

more if you are curious. If you are going to be a lazy potato like I know you are then I recommend you bug Kass. THE NEW ESSCO PRESIDENT, ARE YOU KIDDING ME. Our little newfie has blossomed into an overlord casting her shadow across all of Ontario. With all this inspiration, you must be wondering how you too can lead like Kass. Well somehow I found a presentation by Queens to be very insightful. This presentation focused on how to build a team. The key point was interviews. Ensuring you have quality questions when conducting an interview will allow your prospective hires to answer questions the way you are looking for. A tip for the interviewee, ensure you explain your thought process and GIVE AN ANSWER! When faced with a situation question it is important to talk about resources and how you would find a solution, but also just as important to state what you think could be the best solution. The interviewers want to hear what you would do.

I highly recommend applying and attending as many conferences as you can. They provide you with the opportunity to learn so much useful knowledge from your everyday to leading a team and preparing for the future, It is also a great opportunity to network. A LOT of the people you meet will be just like you and I and will be great connections when looking for jobs in the future. I look forward to seeing you on the battlefield next year!



RANKING SECOND YEAR ID COURSES BY INNUENDOS



Ady King
ID II

to write down any of his quotes last semester, but I got a transcript from some first years in his course (shoutout Paris & Anna) that pretty well captures the studio experience. -“So you get a cylinder, and you stick it in the hole. Isn't that nice?”

-“The most important thing to do is the hole.”

-“I know this is long and I know this is difficult and I know this is hard, but we have to finish this together.”

As a design student, I am above laughing at crude jokes and low-brow humour. When our prof stated that being on the bottom is just not a very dominant position, we wrote it down, and used it to subdue our kinky rectangles.

But some courses, having gone unchecked for so long, may have gotten a little out of hand. To evaluate this, I will be rating the second year ID courses by IPH: Innuendos Per Hour.

To avoid slandering any particular profs, I will refer to them by their quotes instead of their names. If one of them (or any other staff from the school of industrial design) are reading this, this is all a joke and completely untrue. Don't worry about it.

Computer Applications 1: 0.5 IPH
Illustrator? I hardly know 'er. Ms. 'That's a very satisfying bulge' said fewer questionable things this year than last. Either she has become more careful with her words, or there's just nothing sexual about graphic design.

Studio 1: 4 IPH
By and large I agree with him when he says that curves are sexy, but we don't need to discuss that in class. Honestly, I think Mr. 'I need you to be tighter,' was messing with us. I think he knew what he was saying. He could have just told me to be more neat. I was too busy drowning in sketches

Mass Pro 1: 0.5 IPH
Now, he did his best. He was pretty careful with his words. Unfortunately, thick pipes, different head styles, and long extrusions that are good for edging are just part of the curriculum, and Mr. 'You can buy edging' just had to talk about it.

Sensory Aspects: 0 IPH
Somehow, in an entire semester of a course about providing sensual experiences, I recorded one singular innuendo from Mr. 'You feel thicker in your mouth'. Incredibly tactful wording. This prof went on to teach Studio 2, and has so far been flawless there. Incredible work, sir.

Human Factors: 1 ???PH

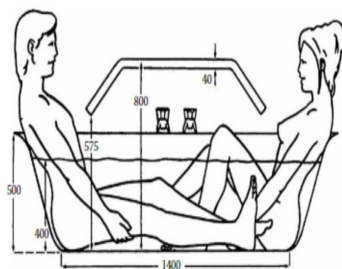


FIGURE 8.4 The ergonomically designed bath (dimensions in millimetres).

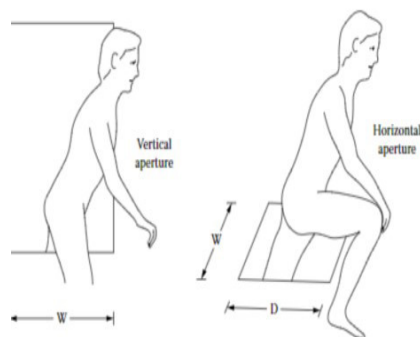


FIGURE 4.3 Whole-body access dimensions: see Table 4.3

FIGURE 4.1 Clearance dimensions in various positions as given in Table 4.2. If the extra fingertip reach is needed, an appropriate increment should be added to a, and r should be recalculated using equation 4.1.

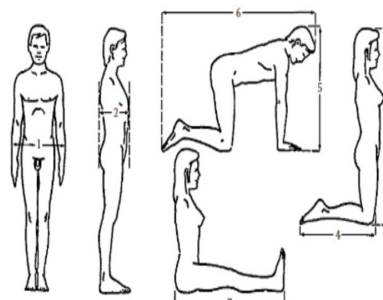
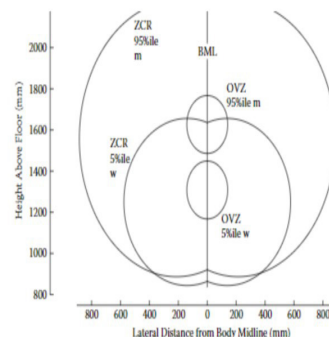


FIGURE 4.1 Clearance dimensions in various positions as given in Table 4.2. Workspace Design

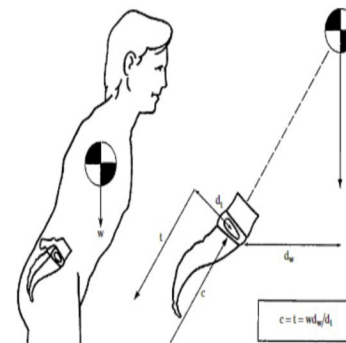


FIGURE 4.10 Biomechanical analysis of postural stress at the lumbo-sacral joint in the spine.

(image credit to Bodyspace—Anthropometry, Ergonomics and the Design of Work by Stephen Pheasant and Christine M. Haslegrave)

Computer Applications 2: 1 IPH
This course circled back to long extrusions, asking us exactly how long we want them to be. Like Mass Pro, there was only so much Mr. 'a nice, tight mate' could do to avoid the land mines of terminology. Yeah, my 'solid' 'works', but keep your 'parts' away from my 'body' thank you very much.

Mass Pro 2: 12 IPH
Here are my notes from our first lecture this semester

-“Not a very deep female,”

-“As it shrunk, it pulled away from those walls.”

-“Your toolmate—the person who handles your tool, maybe an engineer—”

-“Bend it over an edge, give it around,”

-“Very often our parts need to be finished.”

-“Sometimes parts aren't so obviously male or female.”

-“On a female, it might suck away.”

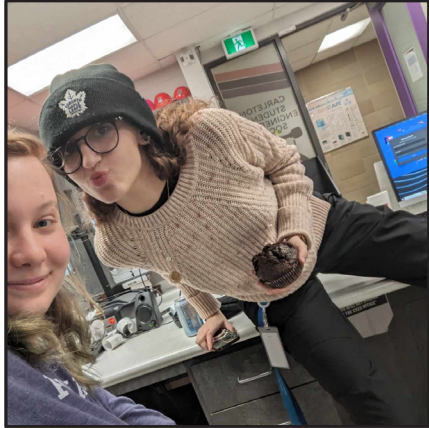
-“This is not going to be your thickest area,”

-“We got a female tool, and you're going down. You're going down into it.”

-“If it's hard like this, it's probably ABS.”

Mr 'The fourth years are getting pounded' seems entirely unaware of what he's saying. Do not bring it to his attention. Mass pro 2 is my favourite class and I wouldn't change it for the world.

NADIYA'S GIVE BACK



**Nadiya "Zuckerberg"
Scratchley**
AERO C V

Hello C-Eng, Nadiya here! I was lucky enough to attend the conference on diversity in engineering this year, and I learned a whole bunch. This is my article detailing everything I learned so that you can get as educated as I got on EDI!

Opening Ceremonies:

The morning after we arrived at the hotel, the conference started, and we were given a speech from the conference chairs, Olli and Zoey. They are both engineering students at Waterloo University. They both wrote letters to their 5 year old selves to remind themselves how far they've come and how they should be proud about everything they have overcome.

Then, we heard a speech from Waterloo's Dean, Mary Wells. She talked about women in engineering who inspired her throughout history, one of whom was the legendary Elsie MacGill. Elsie MacGill wanted to be a pilot, but contracted polio and had to shift dreams. She became the first female aerospace engineer in the world. Like a total badass, she was crucial in the design of the hurricane which helped win World War II. Earlier this year, when the Royal Mint was deciding on an influential figure in history to put on the \$10 bill, Dean Wells was on a team pitching that Elsie MacGill got the spot. It ended up being the legendary Viola Desmond, but Elsie MacGill got to be on a commemorative \$1

coin, and we at the conference were given a coin. If you look closely on the coin, you can see Elsie MacGill wearing an iron ring, and that is the direct addition of Dean Wells.

After the opening ceremonies, Elder Myeengun Henry performed a smudging ceremony, and the conference was off to a start

Session 1 - Building Student Communities:

A workshop was led by student leaders at Waterloo, and I learned some of the following about leading a society or starting a club and ensuring its success:

1. One must figure out the resources they can get from their student body (our version of CUSA). It's essential when working with a study body to ensure you aren't contradicting their rules.

2. When starting a club, you must figure out what you want from your own club? Figure out why you have the initiative, and make sure its message is clear.

3. In a club or society, people's enjoyment is the main thing.

4. Budgeting is so important, because it will be more likely to get stuff approved.

5. For the first meeting, do a fun icebreaker event:

One example is to ask questions but add on a scenario each time
I.e. How many 5 year olds can you fight, how many under water? Which body part would you turn into food, what food? What lube would you use for a slip and slide?

6. Communication is critical, a good idea is to call to action on social media pages . (i.e. join our discord, follow our linktree, post on instagram stories)

7. Knowledge transfer is something that can totally kill an organization. That is why no one

person can be too important, there must be knowledge of how to run the society from multiple people. Also, you need to recruit younger years as opposed to just hiring for experience. First year reps are a great idea. It's also important to have transitional documents and a list of values.

8. Talk to the university about outreach to marginalized communities (i.e. Waterloo had no indigenous first years this past year in engineering, AISES henceforth struggled in that regard).

9. People want to be visibly represented, so to encourage a more diverse community, it is important to have outreach to younger students, and a society representing them is helpful.

10. When you need a break, an out of office email is very helpful, people can be really understanding and kind.

11. Open meetings are hard to get people from the general student body. A helpful tool is having execs starting random conversations with students in classrooms to get them interested and involved.

12. You need money from the faculty, they need you to to get more enrollment. If they aren't giving you money, then you can strike.

From this presentation, I noticed that we at Carleton are missing certain key groups that other schools had, such as NSBE (National Society of Black Engineers) and AISES (American Indian Science and Engineering Society). Hopefully those can get started up at Carleton so that there can be a more diverse engineering community.

Session 2 - Stories in Undergrad:

We heard from speaker D'Andre Wilson-Ihejirika, who studied chemical engineering at McGill, did her masters at UofT, worked in oil and gas, and is now doing a PhD at UofT. Her research is in understanding the

student experience and its impact on career pathways, especially in regards to the critical race theory. We heard 3 stories from people she interviewed during her PhD.

Story 1: Fatima

Fatima was an international student from Sudan whose parents worked in oil and gas. She decided to take chemical engineering, and due to a political situation, she moved to Edmonton, Canada to study at UofA. Although having credits, UofA didn't recognize some of her courses, so she had to retake them at a community college before transferring to UofA. As she was the only black person in her classes, which made her feel ostracized and unseen, she didn't socialize too much, and instead put her head down and studied, which got her really good grades. In her 2nd year though, she found external religious groups, as she was raised Muslim, and formed a community outside of engineering. After her 3rd year, she transferred to UofA, and started applying to internships. However, she struggled to get a work permit because of her international student status. Eventually, she did a summer research project with her prof but was working with grad students. She didn't have the best experience with that as it felt like they only gave her the fluff work. The next summer, she did an internship in Fort McMurray, where she met industry folk, felt good in her chemical eng work, and did outreach for the company she worked with. After returning to school to finish her final year, she graduated with the top GPA, but it still didn't work out to get a job as soon as she graduated. She did her masters, and was able to connect with industry folks in Black Engineers Canada. She is now doing environmental work in Calgary, is a project engineer doing chem and environmental engineering, and is thriving as a tech specialist.

Story 2: Chiemeka

Chiemeka is a first generation Canadian (born out of Canada, grew up around here). His parents were engineers, so he went to study mech

eng at UofT. His parents had issues getting PEO status, and couldn't practice as engineers. So, he took out student loans. He became friends with 3 other black students as they were the only 3 black people in the general first year. Through student groups, he made friends with students of other backgrounds. He took a tech design course, which was the first time he got to work on a team project as he didn't do any team projects in high school back home. He liked working in teams, which encouraged him to join the National Society of Black Engineers. He had to assert himself to overcome people dismissing him. Through his connections at NSBE, he got his later jobs.

Story 3: Chantal

Chantal is a 2nd generation Canadian. Once she went to university at Dalhousie, she had to dial back the partying during her industrial engineering degree. This meant she couldn't hang out with her Caribbean friends as often, as they didn't go into as rigorous of programs. She made a study group of friends, and did her best to hang out with both study friends and Caribbean friends. During her first year, when she was still doing quite a bit of partying, she was struggling to get her grades back up. She was in the core engineering stream, which wasn't super interesting to her, but she stuck it out. In her later years, she joined the Dalhousie Women in Engineering club. Going into 3rd year, she could choose her first elective, and she chose a healthcare systems course. She got the top grades in the course, and her friends were surprised. For her internship, she went into the banking industry. She didn't love the work, but liked the coworkers. She did her final year thesis with a prof instead of a capstone. The PhD student she was working with had a different idea of where they thought the research was going, so she didn't end up enjoying her final project as much. After graduating, she decided to go to the UK for a masters in engineering and policy.

Session 3 - Belonging:

Our Speaker was from Engineering Canada, which brings together 12 regulators across Canada. They have shared goals such as making engineering 30 percent female by 2030. Only Newfoundland has 30 percent women in their industry,

and PEI just achieved 29%. The importance of having women in the industry is to make sure women are represented in terms of design. For instance, crash test dummies were designed with the average proportions of a man, making them potentially unsafe for women.

The speaker we were hearing from was from Cape Town, South Africa during apartheid, where people were classified based on ethnic background and segregated. She showed us a picture with her grandfather on a beach classified as a beach for non-white people because of the great number of sharks and terrible undertow. It was so bad that during Discovery Channel's Shark Week, one of the locations of filming was that beach. Her grandfather started the first life saving group to protect beach goers, and although he wanted to do more, there was only so much he could do. The speaker talked about how no matter how brave one is, there are times when you can't step up.

She also talked about how to deal with failure.

Step 1: Feel really bad, worry your career won't recover

Step 2: Find ways to get around it

Step 3: Talk to friends (for the speaker, talking to family was tough because they only wanted to hear the good news since they put so much work into moving to Canada)

Step 4: Get friends advice, they might tell you it's okay or they'll give you advice on how to get over the hump

Session 4 - Relationships:

We heard from speaker Shanleigh McKeown, who is currently working at Hatch LTD, and used to be the CFES and WESST president.

She is of a firm belief that the most important thing in effective communication is the relationship. A mutually beneficial relationship with faculty is important. Emotional based needs are an important part of accreditation, so being comfortable to communicate that to your faculty can be beneficial to both parties. An important part of working with institutions is showing that needs are aligned, (ie student retention and accreditation).

Representing all students is important, as sometimes school student societies can become insular. It is very important that if you say something needs to change, you prove that you represent everyone in the need for that change. A way to show data to your school to prove your needs is with the CFES national survey, which compares Canadian schools in a variety of factors. You can ask for your schools data individually, and compare how your school compares to the average. Also, all of the deans of engineering schools have a council across Canada. Each year, CFES's VPA goes and talks to them about what we need. CFES needs more people to fill in their national survey, so when collecting data, talk to profs and faculties about spreading it through their channels and getting as many students to fill out the survey.

If you want a seat at the table in engineering, play to the profs and faculties egos, and ask them about their research before bringing up an issue. At the University of Calgary, the student society mandated that at least two council members show up to all the events run by the engineering faculty to show that students are invested.

People can get defensive with advocacy related issues, make sure that before having a hard conversation, you calm yourself down.

Engineering can be clinical, but the important part is serving the people and land.

Kennerth Burke is the father of modern rhetoric, and one of his beliefs is the terministic screen. This is where the average person receives about a million bits but can only process around 1000. We experience stuff differently because of experience, and as such, reality isn't the same for everyone.

Session 5 - Ethics:

We need to be aware that we as engineers have historically aided in colonizing turtle island (i.e. building up the cities and aiding in industrialization), and we need to be aware that it is especially important that we work on truth and reconciliation.

The speaker we heard from got a degree in engineering, then got a Law degree, and a PhD in engineering

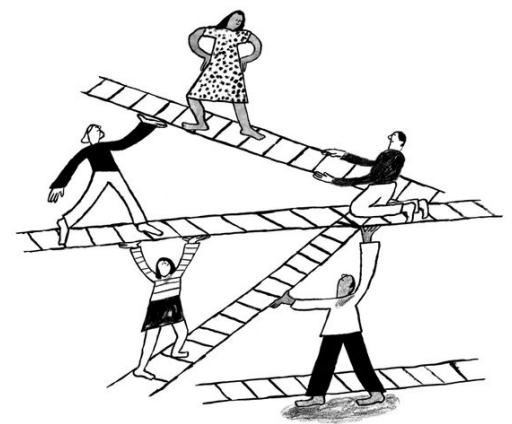
as they faced a lot of homophobia and racism and were considering filing human rights complaints.

Attending a conference seems neutral, but many places in the world are unsafe to travel to for folks in the LGBTQ+ community. They were not able to attend a conference in Egypt as it was illegal to be a lesbian there. Sharing this experience, there were some people who brought up devil's advocate phrases such as "Those rules aren't really enforced, right?" Because of their online presence, a quick google search will put them at risk.

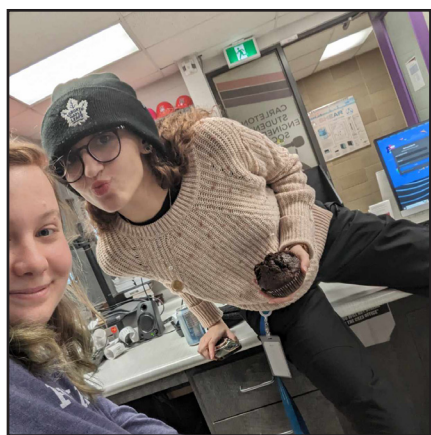
There is inequity with a meritocracy based system, such as a debater who got severely judged for reading an inch or two from the page despite having visual impairment. People's abilities and disabilities must be taken into account.

Trinity Western University had a law program that did not get accredited because it had a mandate that students abstain from sex that isn't between someone assigned female at birth and someone assigned male at birth. A lot of people protested getting their accreditation revoked, but it makes sense as it gives BC students one less way to get into engineering since straight students can go through Trinity Western but LGBTQ+ students cannot.

That's all I learned at CDE. Thank you for listening!



DANA'S GIVE BACK



Dana Sayed-Ahmed
AERO A IV

GOOD MORNING CENG!
Also a CDE goer here [Dana!
(any/all)]and I also wanted to talk about
things I have learned at the conference.

I think that one of the main things that I am (hopefully) known for is being very passionate about everything, and more importantly EDIA. I LOVE EQUITY DIVERSITY INCLUSION & ACCESSIBILITY!!! it is my eat love and pray, it is my Live laugh love, my stop drop and roll, and my roman empire, as the kids might say! CDE made me feel very very nostalgic and reflective.

Little bit of lore here: I grew up in Cairo, Egypt and moved to Canada for school. I finished school when I was 15, which means that I had to grow up super duper fast to survive uni. Now I don't know how much you know about Egypt beyond the drawings in your year 10 history book that probably have very questionable representation of Egypt, but it is in fact a third world country and also in fact a SUPER DUPER democracy. Meaning that I totally COULD be super open with my opinions, without genuine fear.

So anyways. It's totally unrelated, but Canada has the luxury of freedom of expression (which we also had in Egypt btw for sure). However, my point here is that you CAN have conversations about inequity, you can advocate for yourself, you can protest, you can be loud! These are all things that are privileges! I can not stress this enough, as I am writing this in my childhood bedroom in Cairo with a VPN, and hoping this article does not come out before I am

back in ott. My point is the biggest shock for me was that not alot of people were loud about inequity. I was filled with shock, maybe even a little resentment. Do they not know the power they have?? How can you not do everything you can???

As time went by, I found that it is not something people are aware of; the privilege that they personally have. I thought about myself and my own privilege, which from the outside, it looks like I got dealt the worst hand in terms of general bigotry. But, you have to think beyond that. I come from a country in which the literacy rate is 40%, in which I was taught 4 languages. I have privilege in the fact that my disability is invisible, and that I can mask heavily and look "normal".

That got me really fuelled and I decided to become a public nuisance to every bigot, a giant splinter in the finger about the importance of not just my own inequities, but for every single person that cannot.

One of my favourite concepts is that it only takes one. One person can start a conversation. One person can call someone out. One person can take action. CDE really hammered that home for me; it only took one person starting a conversation. A march starts with a step. All of the progress done for inclusion, and all the topics that Nadiya went into detail with, are being discussed because

someone, at some point, pointed it out. The reason we are able to have these conversations is because generations before us fought, because they had difficult conversations, because they leaned on each other.

I remember walking into waterloo alongside the CUE delegation thinking first thing: ong waterloo is loaded and secondly omg these people know their STUFF. I was excited but I am also horrendously competitive. I secretly was like "alright we gotta get it together we so gotta bring the A game". I was like "I read the topics, I know alot about this stuff, there's maybe a couple of things that I won't know". Fr, I was like the kid studying for class before the lesson so I could be the best student



and get a little sticker. Shoutout Ms Benett, her stickers were reflective!!

I thought that way until 45 minutes into the day, when I was sitting alongside Darienne when Elder Myeengun conducted a smudging ceremony to welcome us to the conference. I think every ounce of competitiveness left my body. All of a sudden I was like "teach me everything, this is so cool". I learned so much about indigenous peoples and their practices that day. I learned the history of Turtle Island, I learned about the 7 grandfathers teachings, I learned about the story of how Turtle Island came to be. The Treaties. I also, more

importantly, learned the links between indigenous practices and some of my very own arab/bedouin practices; similarities in interactions with the land, with the art, with the history, with the herbs, with everything.

Bridging a connection between the topics that I am learning and how it is all related and why things are the way they are is fascinating. Also, another one of the philosophers you might know is Nietzsche; dude was kinda a loser. Anyways, his basic thing was things don't matter on their own, they only do if they give it inherent value. Some people, who I think are lame and boring, think: "Hey, if nothing matters unless I care about it, then I will care about nothing! Then nothing affects." This works with what homeboy was saying, BUT is so boring and bland. Instead, if nothing matters unless I care about it, that means that I have an infinite ability to make things matter. It's literally unquantifiable, I have so much care for everything, so everything and everyone matters. gottem.

My point of my awfully worded, and seemingly uncoordinated mess of an article, is that the biggest takeaway I had from CDE was that topics that seemed to not involve me and not relate to me at all could resonate with me alot harder than I thought; the importance of listening and keeping an open mind because it is ever evolving. If it weren't for Elders, a Masters Student in Indigenous studies and Darienne answering my 10 billion questions, I probably wouldn't know what I know about indignity now. Things that wouldn't even cross my mind affect people in ways that I might not even realize. The last thing I learned is that unironically, a little goes a long way! Just being willing to learn and having the courage to admit that you're wrong and re-educating yourself to do better will catapult you into a world of people and knowledge you probably didn't even know existed.

don't be a bum. be better. land back. free pali. and lots of love always :)

THE BEST COFFEE SHOPS IN OTTAWA

brought to you by a sweet treat lover / caffeine addict



Holly Barrett
ENVIRO I

1. ART HOUSE CAFE 555 Somerset St W

Please allow me to paint you a picture. You step into this enchanting, ethereal place and you are met with nothing but loveliness. The walls of this coffee shop are filled with art by local artists. Everyone is dressed cool as hell, and they all have a warm, welcoming energy radiating off of them (well almost everyone, there will always be that one little cockjuggling thundercunt pretentious ass cis white man who asks me to name 5 songs, plz plz let me wear my band shirts in peace! anyways). There is a gender neutral washroom and it is super clean. The drinks and food are yummy af and its all sourced locally yay!!! It feels like i'm walking into a hobbit hole full of coffee. So what are you waiting for?? You should totally go check this place out. If you are a late night dweller like me, this place is perfect cause its open late (10 weekdays, 12 weekends)! ALSO this place always has so many events that go on, like open mic nights, jazz nights, pottery nights, poetry nights and more. BOOM. ive convinced you. See you there :)

2. TEN TOES COFFEE HOUSE 837 Somerset St W

NEXT is ten toes coffee house. Oh my god i love this place. Let me tell you the story of the first time i came here its really cute ok so basically it was my friends birthday right and we had just had dinner and we were walking around but alas, we were cold and wanted a sweet little hot drink BUT THEN we see this place that had it's door open and music coming from inside... so, naturally we venture forwards. We enter. My friends favourite song of all time is ziggy stardust (based ik) and there is a man playing ziggy stardust and i swear the biggest smile forms on my friends face. Also there were kids dancing and usually i hate kids but these kids were really cute and they were dancing to david bowie so its ok. We sat down as the man continued performing and we got our drinks AND THEY WERE SO GOOD. Anyways yes you get the vibe. I have come back to this place so many times. The decor is amazing, there are so many plants, a jukebox, a nice orange / brown theme, so many windows (get that vitamin D i know you need it) and sick ass lighting. Even the bathroom is cute. I DREAM ABOUT THIS PLACE'S CHAI LATTE'S HOLY FUCK that is all im

ever thinking about tbh. They also have live music every sunday night and trivia every friday night woohoo. They post their food and drinks on their instagram too. So you should totally go check this place out, I promise you'll love it!

3. TEN TOES COFFEE HOUSE 593 Bank St

Ok guys. I LOVE ten toes as you can see. This location is not as good as the somerset one however it is still fucking amazing. It has a really cool basement part where there is tons of space to go and "study" with people where you inevitably end up getting no work done but have the best yap sesh ever (which lets be fr thats much more important). This location closes

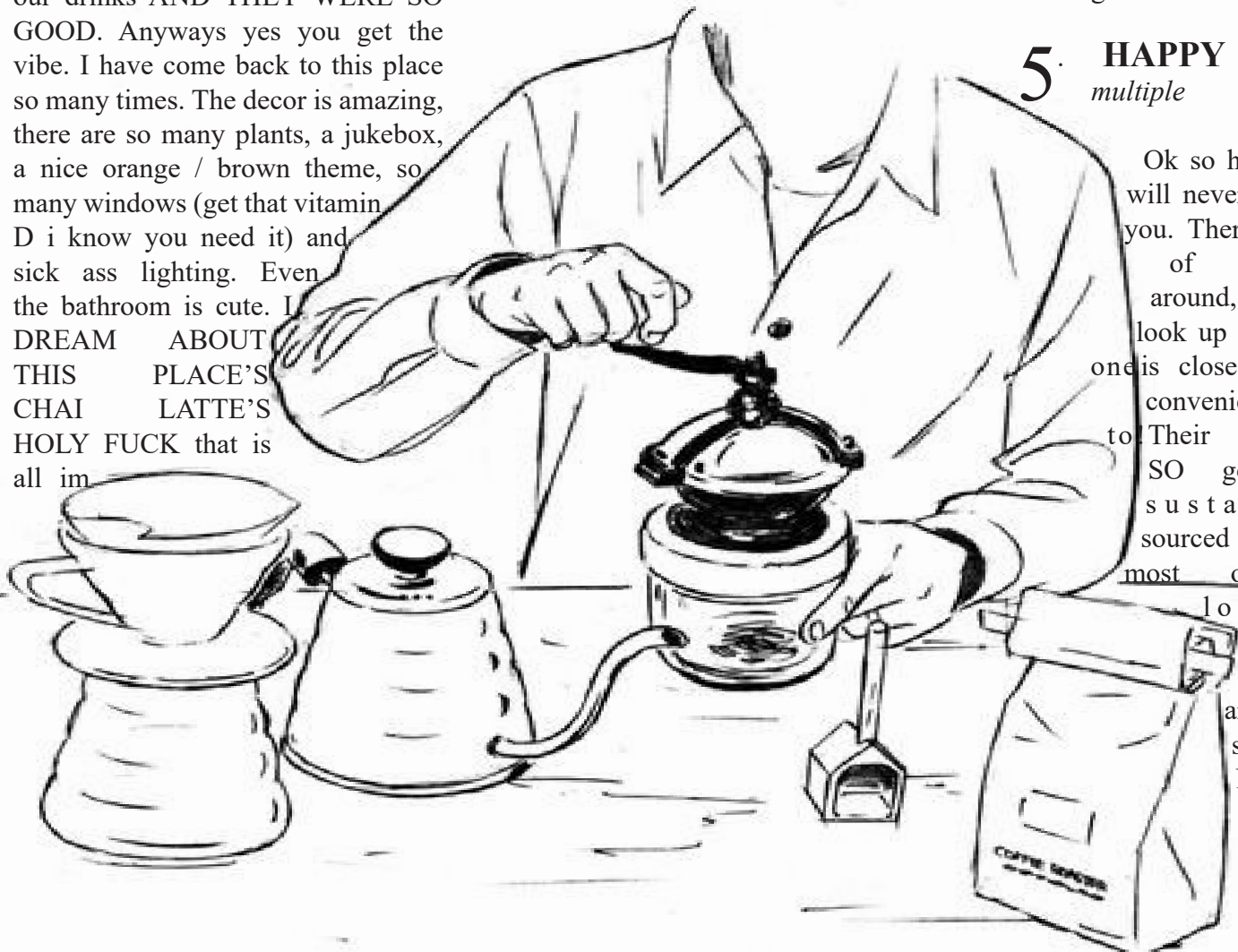
pretty early (6pm) so its a nice little afternoon moment. The baristas always play good music. One time i was here with my friend and this guy came in with a parrot on his shoulder and i think about that everyday. There's also a cool little vintage store right next to it so you can hit that up too!! BOOM. ive convinced you.

4. BLACK SQUIRREL 1073 Bank St

Ok so if you love books (or even if you don't) you gotta check this place out. It is a coffee shop / used book store, with a huge ish basement full of books!!! The coffee is really really good and the book selection low key eats. They always have great music playing too!!! There isn't a ton of space so get there early if you want a spot to lock in. also it's only open until 5 butt the mayfair is right across the street so you could go and have a coffee and look and books THEN go see a movie. Boom.

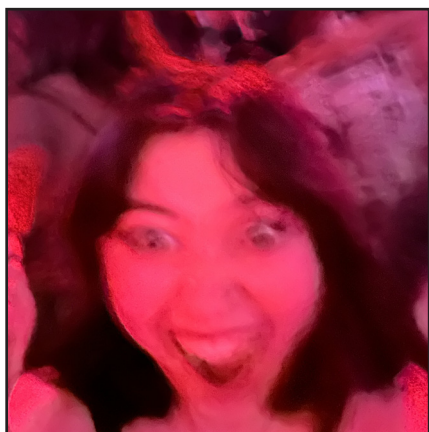
5. HAPPY GOAT multiple locations woah

Ok so happy goat will never ever fail you. There are lots of locations around, so just look up whichever one is closest / most convenient to get to. Their coffee is SO good and sustainably sourced and most of their locations have a good amount of space. Never fails.



& Design Publications

ANATOMY OF THE ARCH BUILDING



Aiko Derry
BAS C&S III

Hey besties, if you were in the arch building at any point during the last two weeks of march you may have seen some rude signs posted around the ground floor. That was kinda poopy, and most students did not condone them, but it gave us the opportunity to talk about privacy and use of spaces in the arch building.

Design buildings are a little different than most other buildings as we have studios (*see below photo*). Most architecture studios are located on the fourth or fifth floor. If you've ever been side eyed for doing work in the architecture building... bestie you're probably in the wrong spot. Studio spaces are usually marked but here's what you need to know about them:

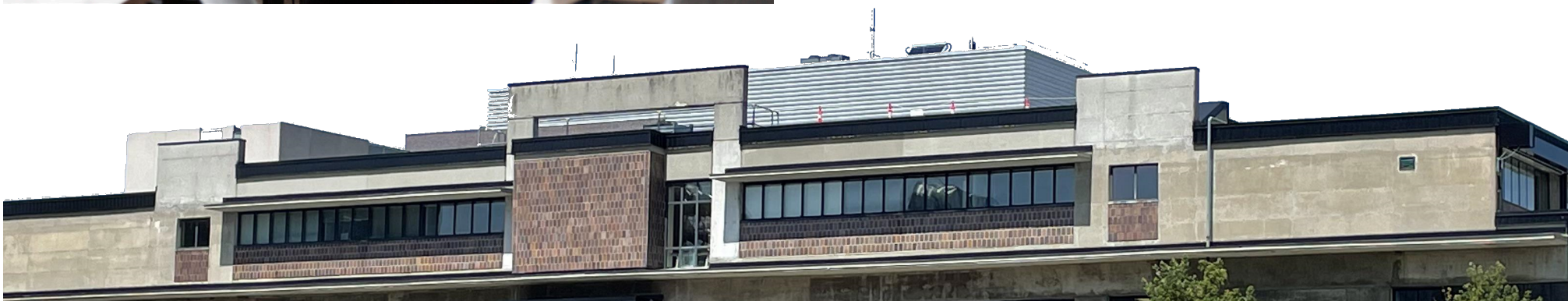
These rooms are specifically reserved for the studio class that they belong to. (ex: first year studio is to only be used by first year architecture students). The reason so many design students are so protective of these spaces is due to what's kept in there. There's plenty of drafts, models, and presentations kept in these spaces, all of which have been made with lots of time, effort, money, and probably all nighters. Last semester there was

an unfortunate case where a masters student's model was doused in ink and glued to another model. Some studios are able to be unlocked with swipe access, but unfortunately a lot of these spaces have not been updated to include this feature.

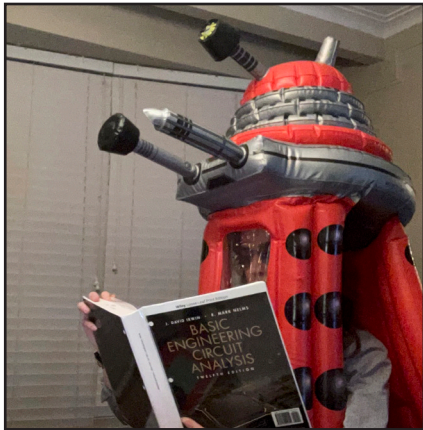
Do not fret, there are still plenty of spaces to work within the building. There are lounges on the ground and fourth floor that are open to all students. While they're not in enclosed rooms they have the same vibe as the rest of the building, and are still relatively quiet as the building is typically pretty quiet. There's also the Barbara A Humphreys Reading Room, which is located on the ground floor (*right*). This room holds lots of books for architecture and urbanism related research and is a beautiful space. This room should only be used for silent work, and you will have to sign in to use this space (super easy, this is to prevent theft and damage in the space)



To conclude, we are all best friends. I love all my engineering homies, I live in the 3300 block when I'm not in class. This being said, please don't go into studio spaces unless you're working with an arch student and they let you in. Love y'all



THE DAY THE MUSIC DIED... IN SPACE



Emily Causi
SOFT I

Sorry for the clickbait...but I had to grab your attention somehow, perhaps the next article will be regarding that label as nothing today has to do with music.

Have you ever heard of Schrodinger's cat? The grandiose idea that a cat can both be dead and undead at the same time (a frightening quantum quandary).

Well, jumping off of that idea, I would like to propose the ****Quantum-Mimicry-Inator****, tying together the theories of superposition and entanglement. In the original, frankly overdone example, a cat is conceptualised to be lethally poisoned

yet not deceased as it has not yet been looked at (a methodology that I am sure many of us apply in regards to our academic grading). The newfound understanding between our quantum and classical world is what makes me question, why can't we apply quantum logic into our lives more regularly? Then, we would be both late and not late to class until the professor notices us. Resourceful, yes?

This specific Inator is one that has been on my mind to manipulate and turn into a reality. However, I fear this thought was not mine own. For, at times, I find my mind wanders into bird territory, foraging and fluffing feathers I don't have. Despite the fact that I am not in aerospace (the pro bird-watching club). Anyway, I am beginning to worry that I'm less of myself and more of a drone, steered by what I suspect to be my better half, operating from a distance and my newest task is to solve the following challenge:

Quantum mimicry....the art of having your pet parrot exist in two places at once! The futuristic capabilities of your parrot being able

to both steal your neighbour's nuts and aiding you in a board game, simultaneously. It's like cloning, but without double the mess.

It can be done, so it must be done. I will now invite you into my brain imaging (not the medical sense), and allow you to picture what I do. To see what I do...the future. Of all. For if this is possible, and a parrot could be duplicated in a sense to an unlimited extent, it would be over for us.

The possibilities could be endless. Imagine being able to have twin parrots, both learning different languages, in different places! Pictured here: standing on two different tree branches, just trees apart. Or perhaps, even, on the same tree! Standing at the ready to unleash pandemonium. The pranks that could be pulled on naive, clueless walkers, or the heists. The heists!! Forget Ocean's Eleven, the public would have to worry about being the target of Feathers Eleven. The delightful confusion that could be created... the miscommunication to be tried.

We could ascend the conventional bounds of space and time. The

only limit I could foresee is the conversations I would not be privy to involving invisible parties inside their cages, or the revelation of shared secrets I was never meant to hear.

Envision, if, through some complex quantum interference, we unravel the very fabric of our destined paths, hurling ourselves into a shadowed chaos where everything we thought was real starts to twist and turn. Each seemingly mundane decision, a Pandora's box, opening to endless versions of ourselves, trapped in a waltz with fate where the music never stops, but grows increasingly unharmonious. As we gaze into the quantum void, it only ever whispers back, promising solely a future where our darkest fears and wildest dreams coexist, leaving us wondering if immortality is a gift or a curse that condemns us to witness the endless rewriting of our existence. Perhaps a laugh in the dark, but one that echoes with the unsettling truth of our such human-unshakable-insatiable curiosity that brings us to tamper with the uncontrollable forces of nature.

To avoid a torturous life in which we live too many involving nearly improbable chances of survival experiences, perhaps it is best that we avoid this one invasive thought.

I suppose as we quantumly ponder these topics, there is only one other question to leave in your mind. Is tomorrow's sunrise a guaranteed show, or, just the universe's most probable guess? And, more importantly, if it decides to quantum flake on us, do we get to skip exams? Will we be in a state to observe it at all? Let me know, I ask. Thanks. Or I will go bird-serk.



XAVIER YAP SESSION

Photos, Music and Peoms oh my!



It got me crying

Xavier "Slow Mo" Haziza
MECH IV

(This article was written throughout the course of listening to the described songs & albums)

I am starting this article off by listening to Forever Overhead by Tim Baker. This album starts with some simple piano accompanied by the vocals of who I assume is this so called Tim. What a nice voice. He sounds like he would ruin someone. For the record this is Madame President's comfort album. Now we have some drums, a bass, and some synthesised humming. Unknown mortal orchestra for overachieving white women. NO ITS NOT XAVIER. Please listen to unknown mortal orchestra. He is so good. Wait I have a thought. He sounds like what someone who thinks he is going to ruin them sounds like. But it turns out he is a super nice genuine guy and you are just traumatized by past relationships. This is Hozier or Noah Kahn for people who listened to 5SOS. Like bestie just listen to Neil Young or Lord Huron like a normal person. OMG THIS IS LITERALLY LORD HURON AHAHAHAH.

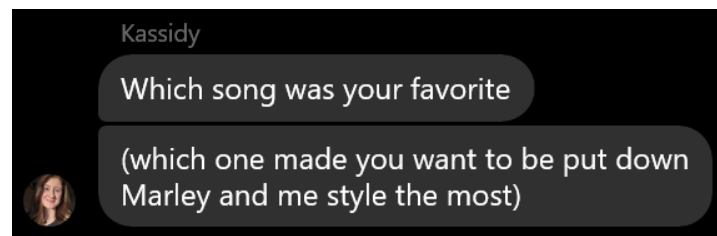
Last summer I went to go see Lord Huron at jazz fest. It was such an amazing concert. Halfway through it started to rain. Everyone was outside dancing in the rain while the music washed over us. He then sang harvest moon with a fucking skull on his head. One of my first experiences with Neil Young. Ever since Neil Young's discography was put back on Spotify last week I am enthralled. He is so amazing, but that's a story for another review.

This guy sounds a lot like lord huron. Same sorta font. I don't know what this style of music. Like folk pop? It's the music I imagine queer people from 'berta or 'sask listen to. Maybe mineapolis, aside from the gay dudes who listen to Car Seat Headrest. I had to skip hideaway because it was bad. Spirit sounds like a Lumineers song, which checks out for Kass. Strange river just came on and I'm digging this. THE TRANSITION FROM STRANGE RIVER TO THE EIGHTEETH HOLE IS JARRING. The strange river felt like a party. OR A WEDDING. You had your wedding reception and celebrating with all of your family. Now we are at the night of. You are with your partner that you have found. You want to be with this person for the rest of you life and you are floored. You see them, an angel, perfection. Oh my god I'm crying. I think this song is about spending the rest of your life with someone. Or imaginging the life that you are going to have with this person. THE STRINGS CAME IN. AAAAAAAAAAAAAAAAAA. WAIT NO ITS ABOUT YOU HAVING A BOOTY CALL WITH SOMEONE AND IMAGINING SPENDING THE REST OF YOUR LIFE WITH THEM FOR YOU TO ONLY REMEMBER THAT ITS JUST A FLING.

So if you have noticed by now I am going on tangents within this article. This is the best for me to be able to write about the other topics while I am listening to these albums. For right now I am going to document my 8km photo walk that I did during reading week. I had to go to the optometrist to change my prescription to something milder because it was hurting my eyes. I used to have pain when I looked at stuff upclose like my laptop or papers, but now I don't! anyways I went to take photos of sparks st, parliament, downtown, and Chinatown. They turned out really bad lmao, BUT I learned lightroom because of it! Lightroom my beloved. Lets go chronologically with the photos I took.

Kass said I was gonna die during 2 miroirs. I wasn't then they said cancer. Now I'm crying again. MAN CANCER IS SUCH A FUCKING BITCH. When I was in highschool my mom got breast cancer. This is a lot of mid, don't get me wrong. But some of it is good. Our team is nice and happy. I feel like im understanding my friend better by listening to this. This is why I love music. We all like very different stuff. I hope to be able to convey to you all my lovely readers how I feel from day to day with my music. Sometimes I feel like some people don't think I'm human, or don't treat me as an equal. And then this leads to a whole host of issues. But I am, I'm just a lil guy. I feel too, I get sad too, I cry too. We all do. That's what ive been trying to show you all this year through my articles and music review. I think therefore I am, cognito ergo sum deez nuts or whatever. As I am finishing this album it feels like nothing happened. I lived, I laughed, I cried, I loved, but nothing happened. Its almost like leaving summer camp. Oh god is this what its going to feel like to leave university. I'm scared, I truly am. This year at Reflections I cried, I cried because my friends who I have had classes with, went to high school with, got high with, laughed with, loved as a brother, felt the closest to are leaving. Last year when my friends graduated that was rough. But this year I told Em that I was scared. I was truly, genuinely scared. I've done so much with my life and my university career im scared for it all to be over. Not in like a death sense, but in like a watching from the outside sense. I'm scared to be immortalized by those that hate me. I love so many people that im scared that that will be ruined by the few, whether of my own doing or not. At my birthday I got showed that for the first time in my life there are people around me

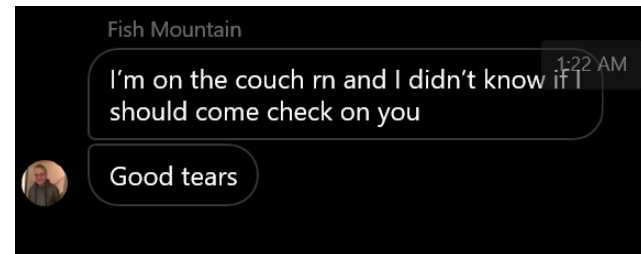
who genuinely care about me. Who will drive me to school or back home when I am sick or tired. Those that will come deliver me croissants when my cat died. Those that will go watch the new movie with me or make me smile every single day when I step onto campus. Or morb all over the place. I'm so scared to lose these people, to lose them to no fault of our own or lack of trying, but to time. I want it all to last so bad, I want to keep loving each and every single one of these people for the rest of my life. But I know it wont last. Maybe that's why I never made lasting friends in high school, or why I would never play with random people at the trips I would take with my family. I knew it was going to end so why even bother.



I realize now that after my friends telling me 1 morbillion times that I am loved and that they care for me I'm starting to believe it. 18th hole is my favourite by far. The 2nd half of Don't let me go yet was very close second.

GOD WHAT A FUCKING SOB STORY LETS CHANGE SUBJECTS. Let me go dry my tears (Take another bong rip) and choose a new album to listen to.

Sorry I had to take another break. Ive been crying for the last halfhour.



Thinking about the Concord ern (I Just took a blinker to calm myself down) IS THAT A BLACK COUNTRY NEW ROAD REFERENCE. I was



thinking about what album is my confort album. Or what represents me the most. I don't think there is any one that does that. Ashort list of some of them is death consciousness by have a nice life, Ill be okay by sign crushes motorist.

CRYING AGAIN

Wish you were here, Dark Side of the Moon, among others. I'm listening to I'll be okay again and God I'm crying. The acoustic gritty rendition of Katy Perry's Last Friday is literally me.

OKAY BACK TO PHOTOS JESUS FUCK. I walked around downtown and parliament. These first images [WALK 1, and WALK 2] are of the place de ville complex downtown. A really cool brutalist pedestal and dual tower complex. The bottom section here, the pedestal, used to have a movie theatre in the middle. Well it still does, but its closed. Its connected to an entire section of underground tunnels that used to be a underground shopping area like the "Ville Sousterrain" in Montreal. In Walk 2 you can see the Marriot hotel which was the Hyatt.



Pictured: Above, WALK 1. Right, WALK 2

I just got told the most heart wrentching pice of information I've ever heard while listening to mother fucking Midge Urge. FUCK YOU DIEGO.

"He wanted to see where my dad grew up before I left",

WHY ARE WOMEN SO FUCKING DRAMATIC, meanwhile im weeping over here. Why were we built to love. Why were we built to think and care for other people more than ourselves. This parasitic reaction between two people. Oh jesus fuck.

Sniffle, these next images are of the old veterans affairs office. (see far right side of page). And then here is just the rest of them.

Fuck man I don't think I can do this anymore. I think im done. Im going to leave you guys with a poem I wrote the other day about someone describing the stars to their loved one.

The stars look like the way your numb leg feels. Ever vibrating static that you cant quite pin down.

The stars look like the way soda water sounds like.

The quick sharp crack of the can followed by the ever so quiet fizzle fizzle pop pop of the little bubbles of CO2 rising to the surface.

The stars look like how a night market smells like. So many smells overlapping on one another. You cant quite put your finger on each one but you know that you want to try each stall and each dish. The overwhelming cacophony of flavours dragging your nose every which way.

The stars look like the way poprocks feel in your mouth.

The stars look like the freckles on your face. Dotting a blank canvas of beauty so perfectly no mortal man



could ever dream to recreate.

You can't see the stars so I will hold your hand and squeeze it every time there is a shooting star.

You can't see the stars but you can feel the overwhelming warmth of the sun. You can't see where it is but you turn to face it as a sunflower does.

You can't see the stars but you can hear the classical musicians tuning their instruments before the opera. I tell you thats what the stars look like.

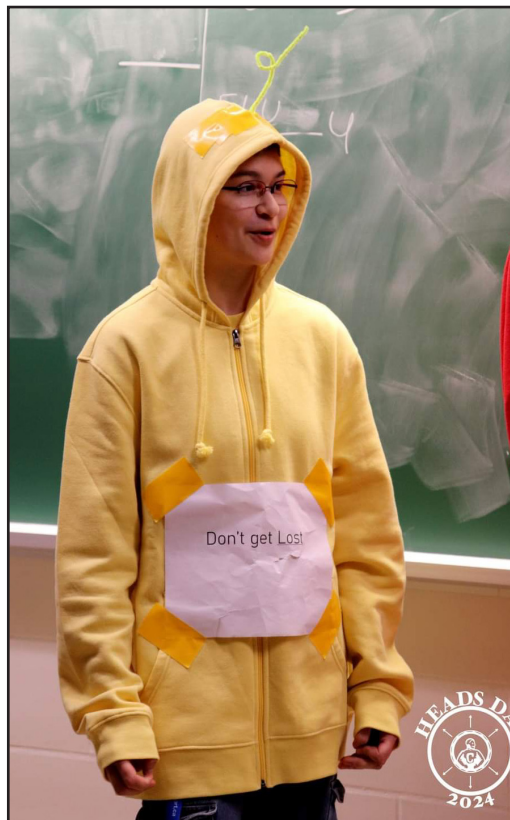
Fuck man;



THE IRON PEOPLE

IRON SUPPLEMENT

Bramble "The Saltler" Bramble - COGSCI III



Hailing from
Carp, Ontario

Are you team minimalist or maximalist?

Team maximalist for sure. I have way too much shit, and I need to have my little trinkets to keep me going. Also minimalism reminds me too much of the sad beige trend and like. I don't know how to express who I am other than through Stuff™ lmao

What is your favourite eeveelution?

Espeon

When the going gets tough, how do you get going?

Do it for her (Salami)! But fr sometimes I just need to take a lil break and get myself a little treat and that makes it easier to get going.

How do you think our community will change in the future as both you, the iron person, and the audience eventually graduate and the entire community has been completely replaced of its current population, for the better or for the worse?

I think there will always be bits and pieces of everyone in the community, and I think things are trending in a good direction! Its easy to get jaded and salty as you get older, but I have confidence in younger people and I think they will do great things. I also think its up to us (people currently reading this at university) to be good/fun influences to the incoming group of students next year to help make sure that they are set up to make positive change :)

Anything you'd like to say to the readers?

Cringe culture is dead be a weird little freak

Tell us about your tales of C-Eng involvement!

CUE - FYR (21/22), VP Finance (22/23) VP Finance Admin (23/24)

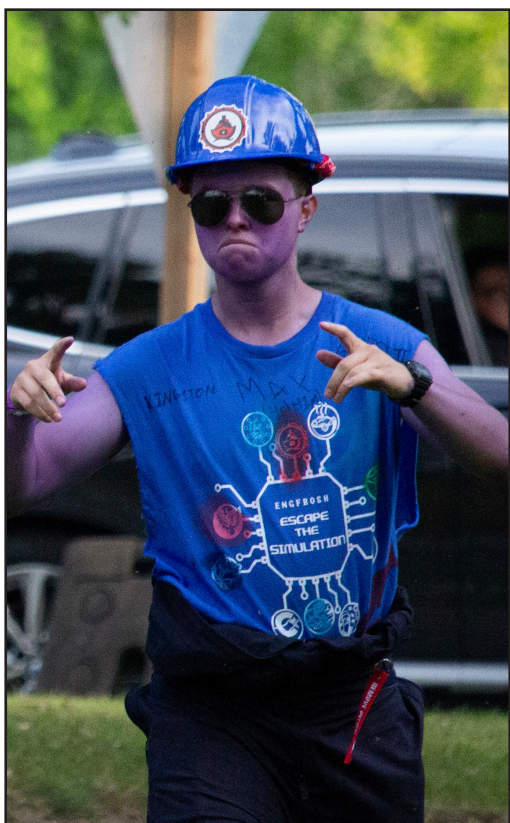
SCESoc - VP Pubs (22/23)

EngFrosh - Finance 2023, Head 2024

Iron Times - Columnist (2021-2024), Spread Design (23/24)

IRON DEFICIENCY

Maxim "Royal Mess" Kari - AERO D II



Hailing from

Odessa? Kingston? SSM? Winkler MB? Kazakhstan? It's a complicated topic

Are you team minimalist or maximalist?

MAXIMAlist!! Empty walls make my head be very sad

What is your favourite eeveelution?

Jolteon all day every day

When the going gets tough, how do you get going?

With Liquid Courage and a quick "fuck it we ball"

How do you think our community will change in the future as both you, the iron person, and the audience eventually graduate and the entire community has been completely replaced of its current population, for the better or for the worse?

Carleton is going to delete Engineering because of budget cuts and we all will cease to exist

Anything you'd like to say to the readers?

CAUSE CHAOS. BLEED PURPLE.

Tell us about your tales of C-Eng involvement!

CSES Leather Daddy

Jacksuits Omnissiah

The occasional event director for CMAS

Bridge Enthusiast

Lover of all that is purple

THE IRON PEOPLE

IRON CONDESCENDING BITCH

Knobel "Deep Storage" Knobel - SREE A III



Hailing from
Kemptville, ON

After 1 year of struggling to learn InDesign together, what do you want to say to your EiC?
please learn how to use commas (you have carried this on your back for the last couple months and I am eternally grateful for you)

A favourite, painful or generally noteworthy Iron Times moment you think the world needs to know?
the time the charlatan threatened to sue us is up there fr

What makes you glad and happy of this community and that you're apart of it?
ok so I'm an only child right? I've always wanted siblings, but alas. Bc of that, friendships are incredibly important to me. I've made so many long lasting friendships here in C-Eng—the musical, Leo's, stream societies, CSES, TTT; I'd go as far as comparing it to having siblings. I've never had people love me so much and bully me at the same time. It's great!

What if your favourite type of 'Little Guy' and tell us why!
rotund <3 when they're round like that I just wanna squish em

Anything you'd like to say to the readers?
SEDATE MEEEEEE

Tell us about your tales of C-Eng involvement!
VP Puebas
Upcoming VP Internal
Upcoming C-Eng Musical Director!!
SREESoc VP Services (23/24)
SREESoc Second Yr & First Yr Rep (22/23, 21/22)
Engfrosh Backstage (23/24)
Engfrosh Procurement/Head (22/23), Engfrosh Spirit (21/22)
C-Eng Musical Vocal Director (23/24, 22/23)
Leos Social Media (23/24)
Oh, and cum titty that one time

IRON LADY

Em "Roommates" Smulders - AERO A V



Hailing from
Woodstock, ON

After 1 year of struggling to learn InDesign together, what do you want to say to your VP?
Thank you Knobel for putting up with my shit fr fr. Genuinely though, its been a privilege working together and thank you Knobel for this opportunity

A favourite, painful or generally noteworthy Iron Times moment you think the world needs to know?
Being called problematic because of my article by Carleton Equity and Inclusive Communities.

What makes you glad and happy of this community and that you're apart of it?
People be gay and transgender. Anyone who's ever been weird about that stuff at least in my time here has been shunned and pushed out of the community <3

What if your favourite type of 'Little Guy' and tell us why!
The Human Pet Guy and other Twitter freaks. Have made many friends bonding over how fucking odd those guys are.

Anything you'd like to say to the readers?
Please read all 40 pages of this issue please and write some articles over the summer for the next EiC!!

Tell us about your tales of C-Eng involvement!
VP Student Issues (22/23)
CUE President (21/22)
CUE VP Social (20/21)
CUE VP Awareness (22/23)
CUE First Year Rep (19/20)
Group-co (22/23)
Engfrosh Inclusivity (21/22)
Head (21/22)
facil x2



C-ENG SPEAKS

We asked and you answered!

1. Adding to exam conditions, now in effect, what new rule should be added to conditions this year?

If you beat off under the desk, please do it quietly; it may ruin other people's edging sesh.

Chris Meiling

No edging

Khaled "Arms For Hire" Ghannoum

no coughing, sneezing, or making any noise at all actually

Dana Sayed Ahmed

If you are unable to complete the exam without coughing or sneezing, your exam will be taken away from you and will need to take a deferred exam. I'm tired of load noises when I'm writing

Cynthia Cairns

No breathing loudly, or just no breathing at all that would make exams quicker

Erika "Soupcerer" Langner

Don't breathe and write - during exams hold your breath if you want to write, breathe and write and get a 0 automatically.

Xuan-En Tan

I get to bring Kevin in the exam with me, but he can't say anything and he just cuddles me

Maxwell "Top Rung" Magnusson

Water is to be distributed to the students every 15 minutes. If students do not drink the water within the minute it is placed on the desk, they will fail the exam. Pissing during this period is also prohibited.

Stephan Giobbes

Sick people must be removed at the door. I don't want to hear a cough every 5 minutes.

Bogdan Price

A clock that has a very audible tick

Braiden Marques

A skip button should be added that will blow the speaker's eardrums so that the speech can be skipped.

Lee Arman

2. Whats an experience you've had in the community that made you think maybe the stereotypes about engineers were true?

The c-Eng musical being 1.5 hours overtime because people were reacted to the word "come"

Charlie "dawg daddy" Brockmann

being on a bus of engineers and having a nose

Syd Doucet

walking into mackenzie and getting slammed with a wave of BO

Dana Sayed Ahmed

My group for Eng project LIT A MOTOR CONTROLLER ON FIRE. so the stereotype of elects being dumb as rocks is true

Arlana "scotiabaked" davis

if you stop doing skibidi and look around

Aidan "Graevy Train" Karst

The lack of bitches at cahill

Jason Valente

Cahill Meat bucket

Michael "Girl Money" Silveira

Chanting "we are not a cult"

Jacq Carson

I hadn't heard that engines were hard drinkers before I came here, so that was a bit of a shock. But then I heard some aeros arguing about the best aircraft design at a party and went, ah yes, these are in fact massive nerds.

Francis "Trash Man" Baccin-Smith

Entering Aaron's bedroom

Justin "Ambrosia" Bouwmeister

Scesoc

Maxwell "Top Rung" Magnusson

Scesoc...

Xavier "crybaby wah wah" Haziza

The scesoc stockings really prove that they're all degenerates so that I guess

Stephan Giobbes

3. To what engineering saint do you pray to mid exam??

All of them, i need all the help i can get sometimes.

Bogdan Price

I pray to st patrick and st rickards the red

Xavier "crybaby wah wah" Haziza

St Patrick, the literal patron saint of Engineers AND the beer I'm gonna crush immediately upon completion

Kass "Third Times a Charm" Hammond

to the fixes, to the fucks and the always cool francis

Arlana "scotiabaked" davis

Jesus or dean Larry (there is no saint in DOE)

James Classen

My grandfather, the drunk one, not the engineer

Cynthia Cairns

Saint cheatus sheetus

Jason Valente

Bridgit Mendler. She ain't in engineering but she's a mother, a CEO, a doctor, a lawyer, an actress, a singer. If she can do anything, so can I

Rami Darwiche

wild of you to think i have time to pray between flipping coins for my mc answers

Syd Doucet

Big UP Saint Anthony and RuPaul Darienne "Lane Assist" Neil

A massive fish for the CSES Fish Fry happening February 30th!

Chris Meiling

Lahara

Michael "Girl Money" Silveira

Godiva. Feminist icon

Shanna Peper

I pray to orgo chem tutor and the chegg gods to bestow the answer in my mind

Aidan "Graevy Train" Karst

4. Most unhinged shit you've seen in/or as of result of the final exam season?

A random person brining a water bottle full of vodka to my elec 2501 exam

James Classen

Mf put 60 cans of monster in the recycling bin and then immediately brought another 12-pack into his room, I stg

Stephan Giobbes

not crazy but just ~50% of people walking out of an exam crying that i previously thought i did semi-decently

Aidan "Graevy Train" Karst

my res roommate used to keep a shot of vodka beside her to down after taking online exams... she also gave me an eating disorder

Aiko Derry

y'all fuckin screaming in the quad

Owen "Leo's Memeager" Short

some weirdos screaming in the quad

Michael "Girl Money" Silveira

The ghost of Mackenzie (no one is safe)

Charlie "dawg daddy" Brockmann

My roommate made a shrine to Princess Diana and blasted Candle in the Wind every night.

Chris Meiling

Bruh not even 20 minutes into my final exam, and I see our prof emailing us saying they've already found people trying to Chegg the exam. Babes, she warned y'all many times beforehand

Rami Darwiche

Maybe this isn't because of exams but Chris swallowing my muffin wrapper whole was interesting

Jules Wong

a guy dramatically curled up into a ball when he learnt the one q he finished was completely off base

Syd Doucet

sleeping on the cmas couch overnight

Xavier "crybaby wah wah" Haziza

5. Tell us a positive or fun memory of one of our outgoing and graduating community members!

The leos GM's threatening people with the crowbar

James Classen

I have no respect for old people. But Nikita and Amanda make a cute couple.

Steve "Faker" Balson

Owen 🥰🥰 just being his FratGPT

Aidan "Graevy Train" Karst

one time I shitted my pants

Owen "Leo's Memeager" Short

definitely doing donuts in the parking lot with owen short, jumping in the canal with paige, and the no home joke with nikita

Dana Sayed Ahmed

Thinking about Nikita and Grant and the way they stepped up to fill exec positions to support CSES and our community makes me tear up every time

Kass "Clinton" Hammond

Darwin being such a good sport about the green spirit fanfics and fan art, Vitoria whipping the mic against the wall duing heads idol, Amanda and Nikita never finding out I wrote "No Gingers" on the Leo's chalkboard

Aiko Derry

At reflections i cried and cried and cried with both EM and Darwin. I am going to miss my pookies.

Xavier "crybaby wah wah" Haziza

Playing Among Us with Dilsha in the CUE Discord a few years ago!

Beck Braun

I was stranded in the Antarctic running from a polar bear in Kevlar when all of the sudden Francis appears out of nowhere and fist bumps the polar bear to death #FrancisFists

Justin "Ambrosia" Bouwmeister

This one time Darwin got bitches, and that was pretty awesome

Ethan Gadbois

MOROSCOPES

As divined by Belle "Stickler" Henderson | MECH III

ARIES

**HORSE DRINKS BEER;
IS ONE OF THE BOYS**

TAURUS

a serious case of senioritis is going to strike this month. with the semester basically over and summer on the horizon, you might as well throw all your coursework to the wind and chill out. surely there will be no consequences

GEMINI

fuck whatever zodiac sign it is this month, for you its spider season. happy spring

CANCER

the stars recommend more blue light and screen time before bed. eye doctors may say thats bad for you, but they're also the ones trying to sell you the glasses

LEO

newtons laws are going to have a stronger effect on you this month. be careful when applying forces (thats how reactive forces get you), and dont even think about moving from an at rest position.

VIRGO

spring has sprung, days are getting longer, seasonal depression lifting. try not to think about the flowers in Antarctica. Maybe go on a nature walk

LIBRA

a trend of callsign stealing is going to sweep through c-eng this month. if you have a callsign, it will likely disappear under mysterious circumstances, but foul play will be ruled out by the authorities. if you dont have a callsign, you're avidly going to get the same one in a totally weird and completely unrelated coincidence.

SCORPIO

try switching shampoos this month. the fun new smell and colourful bottle in your shower is going to motivate you to make big changes in your life. no promises that the changes will be good

SAGITTARIUS

the stars advise keeping a close eye on your laptop charger this month. its going to get lost or left behind any chance it can get, and your laptop is just dying to be below 20%

CAPRICORN

you will be met with a severe lack of independence this month. advice will be needed on everything from breakfast to midnight snack, and some sleepovers may also required

AQUARIUS

this month you are going to be cold worked and annealed, making your grains equiaxed like theyve never been before. say goodbye to anisotropic material properties and residual stresses, and hello favourable surface quality.

PISCES

while leo is experiencing newtons laws this month, you will be following mincrafts laws. go out and punch a tree, farm some wheat, and dig straight down

USES FOR THE CHARLATAN

a blanket for when your friend forgets to give you one at a sleepover

put a bunch of white out on it and use it to take notes in class

use it as parchment paper to cook wings

cum jar

bleach it and then print the iron times on it

Clog the toilets on every floor of dunton

Crumple it and throw it into the thirsty thursday line

use it as a welcome mat to keep the solicitors away

make your depression nest

change every 31st word with fuck and every 100th word with ass

Bleach it and write a list of demands to ollies (its all john belushi)



Now brought to you by:

James "العربي" Dublin
BIOELEC III

Q.
"Help, my balls are stuck in my xbox"
- Charlie "dawg daddy" Brockmann

A.
Unfortunately I'm no use, I'm a PS-WHORE enjoyer myself. Have you tried telling it that it burns when you pee? Usually gets it out pretty fast in my experience.

Q.
"Should I get a tattoo?"
- Jules Wong

A.
Yes, it's never been easier to hide thanks to sce-highs! Get your pair today in scesoc, only thing you have to lose is your fragile gender identity

Q.
I "My roommate threw a plushie at me :(""
- Beck Braun

A.
Brick

Q.
"There is a serious lack of crickets in my room this April fools"
- Jason Valente

A.
As the april fool myself i was far to busy celebrating my day of birth to get banned from your house due to a insect infestation

Q.
How expand my lanyard collection???
- Rayvel Arjoon

A.
You ask me nicely and I can give about 20

Q.
"I missed 2 of my 8:30 Leo's shifts what should I do to avoid missing the rest?"
- Khaled "Arms For Hire" Ghannoum

A.
Amanda is coming Amanda is coming Amanda is coming Amanda is coming Amanda is coming Amanda is coming

Q.
"What's the cure if you get random sickness from lead infused Mackenzie mould?"
- teeter peter

A.
Fight fire with fire, my go to is soldering in bell's danger bathroom

Q.
"how do i stop loosing things?"
- Dana Sayed Ahmed

A.
Stop having things, how can one afford any amount of property in this economy

Q.
"How do I go to sleep at a reasonable time?"
- Francis "Trash Man" Baccin-Smith

A.
It is currently 2:37AM at the time I'm writing this.

Q.
"I no pull the babes. How do I pull the babes?"
- Rami "copium" Darwiche

A.
By the hair with consent is my preference but there's a world of choice

Got a Problem?

Need Some... *Shitty Advice?*

JAMES CAN "HELP"!

Write in to C-Eng Speaks! We want to ~~exploit your problems~~ hear from you!
The most recent submissions form can be found at: linktr.ee/TheIronTimes

TAROT READINGS

with Maria "Dumb Fuck" Velikanova

CRIM III

After being chewed up, spit out, stepped on, then chewed again, then spit out in a desert under the blazing sun by this horrid semester, we are back. A very good luck to everyone during the upcoming finals season, I will be MANIFESTING that we all pass our classes and have the most ideal Summer. Now, this article's question is honestly a pretty tough one. This question, seeks the most mythical of wishes to be granted, and it's:

"How Do I Get Bitches?"

My house's whiteboard has a "Things we need to get/ stuff we ran out of" list, and "Bitches" is one of the things on there. We are seeking an answer to this question too. The deck that you chose was the Nightmare Before Christmas deck. The spread that has been chosen is called "A Tarot Spread for Attracting Love into your Life".

The spread is as follows:

Fundamental Stuff

First Card

The first card that was drawn was the reversed 3 of needles. It symbolizes coming to terms with the past. It says It's time to pluck the needles out of your heart, and Let it heal. Nurse your wounds, and go for it.

Second Card

The second card that was drawn was the upright King of Candles. This card states that it embodies an approach that focuses on the bigger picture.

Third Card

The third card was the reversed fool. He represents naivety, idealism, and encourages you to look before you leap.

Fourth Card

The fourth card was the upright VII of presents. It states that careful planning now will lead to big rewards later.

Fifth Card

The final card is the upright magician. It encourages you to stay determined, and committed to your goals.

The Interpretation

What may all this mean? Well. The general idea of this reading that I'm getting is that you need to stay delulu. But mindfully. It has hurt to be delusional before, but this time you know how to do it. You realize that at the end of the day that person was mid anyway, and it asks that you reevaluate who the person you may want is really mid or not. Take off those rose tinted glasses for a bit, then put them on again if it's all what your heart truly desires. It'll figure itself out from there.

Mercury is in fact in retrograde now, so communications are getting difficult with the divinations. When shuffling for this question the cards stayed silent for a while. I honestly thought that I would not be able to be given an answer for this, and would've been sad to write that not even the cards know, and that they also are in the same boat. Stay tuned, for there may be a time when the chance to get the answers you seek returns.

1.
What do I really need in a romantic partner?

2.
What can I offer to a partner at this time?

3.
What do I need to let go of in the past in order to embrace love?

4.
What will my life look like when I find real love?

5.
What practical thing can I do to attract the right partner into my life?

April Crossword

~(Prepare for trouble)~

Assembled By: Michael "Crabstick" Loh - EngPhys VI

ACROSS

- 1 A-Geezy has this fetish
- 5 Track, trail, or scent
- 10 Oi bruv, you're a bit slow innit?
- 14 Fictional material I made up, Argon Coblat
- 15 Small group of people
- 16 Capital of Norway
- 17 Beloved elec prof, easy exams
- 19 I hardly know 'er!
- 20 What you say at the altar
- 21 Electronic Point of Sale
- 22 Sub, Keither, Dictionary
- 24 Iced, Shirt, Pose
- 25 Simpsons neighbor
- 26 Oi bruv, you're one letter off innit?
- 28 In addition
- 30 Not below
- 32 No!! Don't kiss your sister Luke!
- 33 Opposite of bro
- 35 Would not want to draw this?
- 36 Mosquitos, flys, CUSA
- 37 Named after two famous women
- 40 When is a door not a door?
- 42 Parking
- 43 Sluuuuuuuuuuuuuuurp slowly
- 44 Ready? Go!
- 45 ___ ye, matey!
- 47 2004 Toyota Corolla bangin' car
- 51 What's your P value?
- 53 Let me handle your package
- 55 When Japan was under the rule of the Tokugawa shogunate

1	2	3	4		5	6	7	8	9		10	11	12	13
14					15						16			
17				18							19			
20				21					22	23				
24				25				26						27
28			29			30	31					32		
			33		34		35				36			
		37				38				39				
40	41				42				43					
44				45				46		47		48	49	50
51			52					53	54			55		
	56							57					58	
59					60	61					62			
63					64						65			
66					67						68			

DOWN

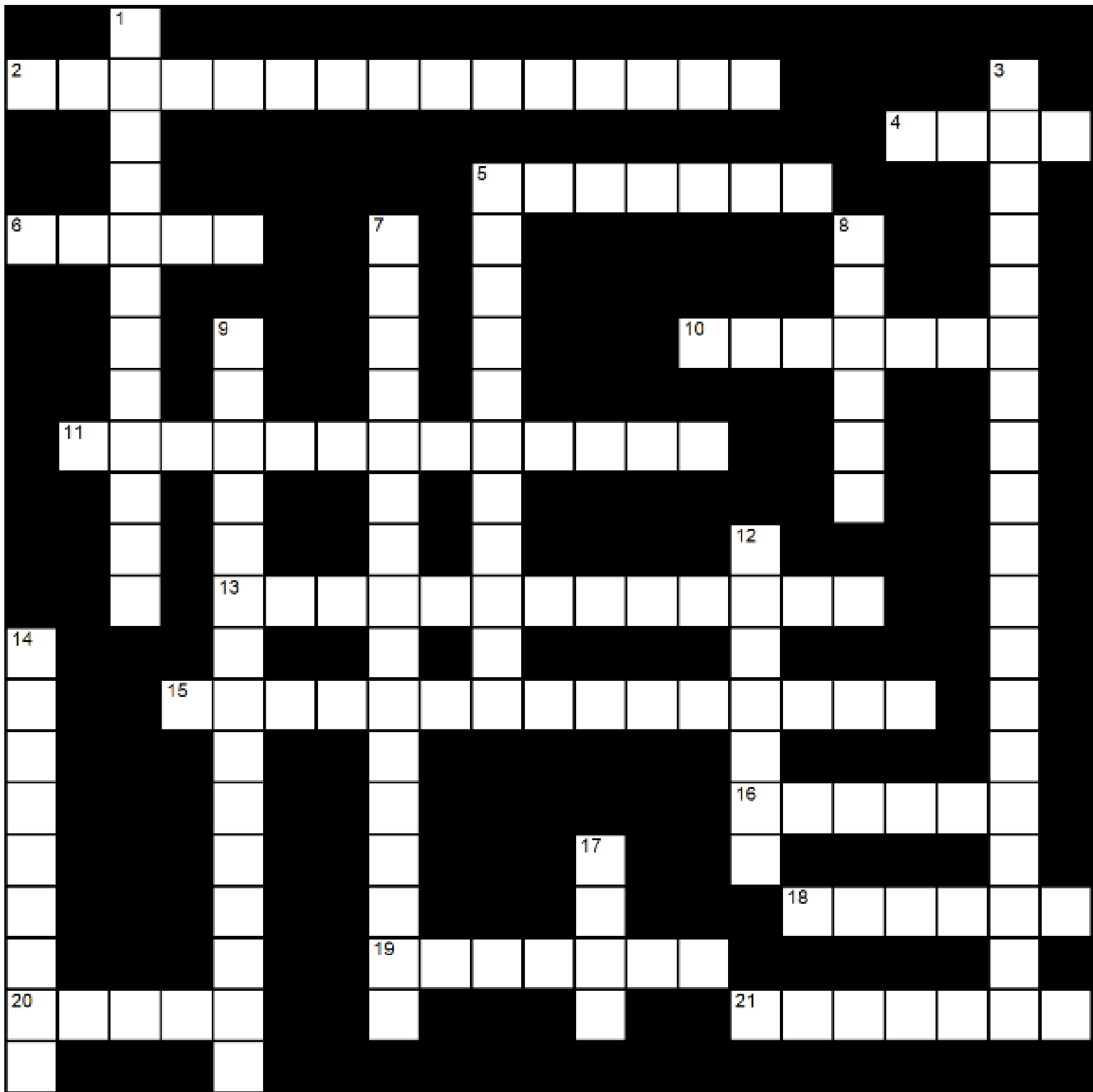
- 1 Always sizzling at the table
- 2 Like old rocks
- 3 Hello.. ello.. llo
- 4 Whole lot
- 5 Minty fresh
- 6 Asian tiered tower
- 7 Tributes to
- 8 Number 4 Bobby _
- 9 Survey again
- 10 Press x
- 11 Pirates?
- 12 Don't strip my blubber
- 13 Onion Router
- 18 French impressionist
- 23 Impalement
- 26 Bora
- 27 Top, baseball, bucket
- 29 Bane of Rasputin
- 31 And Bobbs
- 34 Finished hems such as on FS
- 36 Head of the church
- 37 Upper Silesia capital
- 38 Get the boat!
- 39 Thin, supple
- 40 Precedes turn & clap
- 41 *Knock Knock* enthusiast, in Panem
- 45 Pitcher perfect
- 46 Go to bed?
- 48 Very dear, not dearest
- 49 Malware, used by McAfee
- 50 Group of 9
- 52 ___ a high note
- 54 Could describe a Christmas tree
- 57 Slender birds with forked tail
- 59 Home of the Senators
- 61 Monetary unit of Romania
- 62 "1 prozac a day, husbands' a ___" - Bowling for Soup

- 56 Capitalist notion of property
- 57 At MY threesome...
- 58 Bristle like appendage glumes of grasses
- 59 Roman Poet recognized in Dante's inferno
- 60 McBae
- 63 Fav Tuesday
- 64 Spoooooky lake
- 65 Impudent
- 66 ___ what?
- 67 What's the confidence interval on those meatballs?
- 68 Greek god of war

April Crossword

~(And make it double!)~

Assembled By: Michael "Crabstick" Loh - EngPhys VI



DOWN

- 1 Power me up frosh
- 3 Touch some grass frosh
- 5 Joe hates this day, PVP enabled
- 7 What did Michael think the 2022 theme was?
- 8 Shows up to opening ceremonies, boat building

- 9 Vroom Vroom frosh
- 12 Lost frosh tradition?
- 14 Get those calories in, at closing
- 17 "Totally not at the war museum this year guys I swear. Also definitely not at the mint. Or in a class room."

ACROSS

- 2 Get half-naked and sweaty
- 4 Do drugs in the woods
- 5 Coined "We hype, we ready"
- 6 Little white shirted terrors
- 10 Barrels?
- 11 Pokemon Go Back Inside Frosh
- 13 Don't get __x3
- 15 The first all nighter of your career
- 16 Praise __! Praise, Praise __!
- 18 Colour enthusiasts
- 19 Large and in charge
- 20 Love Handel Impersonators
- 21 Look at those lazy gen-froshers

MAY 2024						JUNE 2024							
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30						

JULY 2024						AUGUST 2024							
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6					1	2	3
	Canada Day												
7	8	9	10	11	12	13	4	5	6	7	8	9	10
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28	29	30	31				25	26	27	28	29	30	31



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WESTERN KABUKI

TRASH FUTURE AND VARIOUS PODCASTS

ISSUE MADE POSSIBLE BY:

PRAYING FOR A FUCKING PASS

THIS IS THE FINAL ISSUE

GOODNIGHT.