

The Carleton Student Engineering Newspaper

THE IRON TIMES

Final Iron Times



Teo Blidaru
- BIOMED ELEC V -

To all of you,
Thank you
Thank you for the friendships you have given me. Those that will be with me till the day I die. Those that were more academic minded (lord knows we all needed to help each other). Those that provided hugs whenever I needed them. Those that always lend an ear. Friendships unite us. Friendships make CEng what it is and help propel it into what it will be. Friendships keep us going when times are tough. Friendships means a random smile in Leos, a hug in the hallway, a meme in your DMs. Friendship is this community.
Thank you for the love. Love of the community. Love of the heart. Love of art. Love is all of us coming back every year for a sleepless week with frosh.

Love is the numerous volunteers that help everything go. Love is the support each personality receives. Love is getting filmed when you cry over spilled coffee, and when you cry over a surprise cake. Love is finding someone and getting through 3 years of long distance through the help of all your friends. Love is getting each other bubble tea. Love is supporting every new crazy hobby. Love is what I feel for so many of you and this community.
Thank you for the happiness. The happiness of having a place to belong. The happiness of always being given a helping hand when you need it. The happiness of memes and group chats galore. The happiness of having a musical outlet. The happiness of finding a group to always continue your bits. The happiness of knowing there's always someone there to help you smile in your darkest moments. The happiness of knowing I can always call CEng my home.
And CEng I am proud. I am proud of what you've become. I am proud of what you WILL become. I am proud of what I've achieved. I am proud of my friends. I am proud of all my little frosh, and every-

one I've had the opportunity to help in any way. I am proud of everyone bettering themselves and helping change their immediate worlds for the better. Proud of the sheer amount of hobby outlets available now for people. Proud of the respect we've garnered as a community.
I'm sad to go, but it's time for me to disappear into the dystopia that is Montreal and fulfill my destiny of becoming a crazy cat/plant lady/animal lady. I will hold to the memories created here forever, and the lessons learned will not be forgotten (except 1010, that shit went out immediately). I will see you all again for the next *insert a socially acceptable number* of ring days and musicals. Always remember that those of you still in school, we won't forget you all and still want to always help, reach out and I'll fit you in between my mandated cat petting.
So CEng, thank YOU!
Forever your babushka
Teo "Senpie" Blidaru

READ ON,
I DARE YOU

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WARNING:
This publication may contain offensive material. It should not be read by anyone who is easily offended. All opinions expressed within are solely those of the contributors; they do not reflect the views of the Carleton Student Engineering Society. This paper is purely satirical in nature and is not intended to be malicious in any matter.
If you wish to express your views on the content within, please email us at irontimes@cses.carleton.ca.



EDITORIALS

The word for this month is somewhere but not close to here

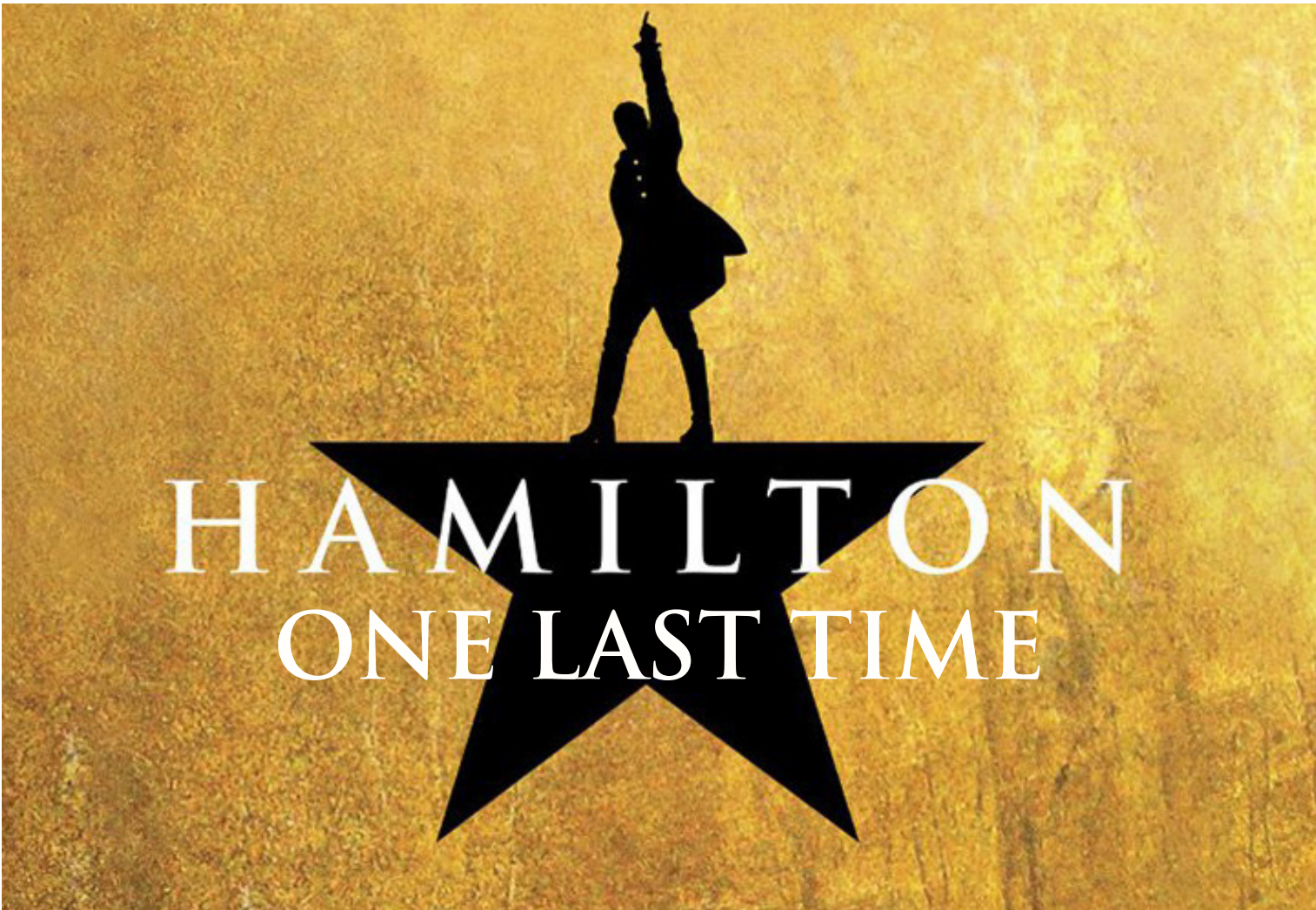


Nostalgic

From the Desk of the^Editor



Andy Curtis
- AERO C IV -



This article is based on Washington’s Farewell Address in 1796 (https://avalon.law.yale.edu/18th_century/washing.asp) and Lin Manuel Miranda’s song “One Last Time” from Hamilton (<https://genius.com/Original-broadway-cast-of-hamilton-one-last-time-lyrics>)

Dear my Friends and Fellow Students,

The period for a new Engineering Student to: chair the Constitution and Policy Review Committee, write the Iron Times for CSES, direct the Engineering Musical and captain Charity LAN being not too far distant, and the time arrived when your thoughts must be employed in determining if you are that student that is to be clothed with those important trusts. In looking forward to the moment which is intended to terminate my time in these positions, my feelings do not permit me to suspend the deep acknowledgment of that debt of gratitude which I owe to my beloved community for the many extra-curriculars it has bestowed upon me; still more for the steadfast confidence with which it has supported me; and for the opportunities I have thence enjoyed. Here, perhaps, I ought to stop.

But, towards the preservation of your government, and the permanency of your present happy state, in all the changes to the Constitution and Policy Manual to which you may be

invited, remember that experience is the surest standard by which to test the real tendency of the existing constitution of your government; that facilitates in changes, a government of as much vigor as is consistent with the perfect security of liberty is indispensable.

Harmony, liberal publishing in the Iron Times should hold an equal and impartial hand; neither seeking nor granting exclusive favours or preferences; consulting the natural course of things; diffusing and diversifying by gentle means the types of articles we publish, but forcing nothing; establishing a monthly publishing schedule, the best that present circumstances will permit.

After deliberate examination, with the aid of the best co-captain I could obtain. I was well satisfied that Charity LAN, under all the circumstances of the case, was bound in interest and duty to donate to a good cause and seize the opportunity given to me. Having seized it, I de-

termined as far as should depend on me to maintain Charity LAN, with moderation, perseverance, and enjoyment.

(Can be sung along with “One Last Time” at 1:20 from Hamilton: <http://www.youtube.com/watch?v=GKOKnLvQpD4&t=1m20s>)

Now, I wanna talk about what I have learned, The Musical, what I discerned. As far as the members are concerned, you should return, I would want you to return. One last time, I will participate, one last time, to get transitioned right. I’m gonna teach ‘em how to say goodbye, to Paul and I. And hopefully, they won’t say I’m weak; the Musical will stay strong, because it is so unique, spirited all Sunday long. I hope that when I say goodbye, when I say goodbye, the Musical learns to move on, it outlives me when I’m gone. Like our script has said “A community of friends in C-Eng, a family, that supports you in times that aren’t great, they help you to gradu-

ate. Community of friends in C-Eng, a family”, for me this is no debate. Your support I appreciate. One last time.

Though, in reviewing the incidents of my leadership, I am unconscious of intentional error, I am nevertheless too sensible of my defects, not to think it probable that I may have committed many errors. I shall also carry with me the hope that my community will view them with indulgence; and that, after four to five years of my life dedicated to its service with an upright zeal, the faults of incompetent ability will be consigned to oblivion, as I myself must soon be to the mansions of rest. I anticipate, with pleasing expectations, that retreat in which I promise myself to realize, the sweet enjoyment of partaking, in the midst of my fellow students, the benign influence of activities of this community, the ever-favorite object of my heart, and the happy reward, as I trust, of our mutual cares, labors, and dangers. One last time.

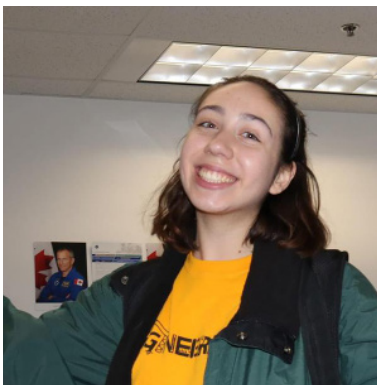


EDITORIALS



This is where I'll be next year!

Thank you Keely for all your work!



Keely Gibb
- AERO D IV -

Well, April is here. We made it folks. Through eight months of labs and lectures, Ollie's trips and FSK ticket runs, online classes and social distancing, we've made it.

I'll be honest, the last couple weeks have been... weird. I think everyone has been up to date with the COVID-19 concerns and is doing their part to keep the community safe. While it's been keeping us on our toes, especially with regard to our education, I am incredibly proud of how well our community has been coping with these changes. Carleton has been very proactive in this situation and our professors are demonstrating so much flexibility in restructuring their courses. For everyone staying home, practicing social distancing or self isolation - hang in there. We'll get through this last month, and know you have a support system at Carleton and in C-Eng if you ever need help.

I wanted this last article of mine to be a "year-in-review" article, but then I remembered we have a whole page on the CSES website dedicated to past issues of The Iron Times, if you would ever like to look back upon the 2019-2020 year. (For your reading pleasure, peruse <https://www.mycses.ca/iron-times-archive/>!) Instead, I will do an "Iron-Times-in-review" - or at least, a review of my experience with The Iron Times these past four years.

There I was, a fresh little fro-

shy, eager to get involved and meet new people in C-Eng. But the pressing question was, how would I do that? How could I put myself out there when university was such a scary new place? I remember being in my room in Stormont, opening my frosh kit for the first time, and taking out a blessed newspaper that was a glimpse into the world of C-Eng. I thought it was so sick. Articles written by students, for students. Engineering and design folk stretching their artsy muscles. This is the kind of outlet an introvert like myself needs. After frosh week concluded, I put my metaphorical pen to paper and wrote my own article: a Harambe obituary. To my amazement, it ended up on the front page! I was so proud of it, I took a copy back home to show my parents. I still have it in a drawer somewhere. Maybe I was a bit overzealous with the whole thing, but it meant a lot to me in the moment. I still look back on that fondly, thinking how fun, exciting, and easy it was.

Print media (or, ~digital~ print media) is such a fantastic way to have your voice heard. We live in an age where social media

and memes are influential and uniting. You can find ways to bond with others, make jokes, convey information, and just express yourself in such creative channels. The Iron Times is a place to gather up these different voices and display them for all to see. For first year students, I feel like this paper is a place to get comfortable and start socializing when asserting yourself in person may be too far out of your comfort zone.

During frosh week (and beyond), upper year students sing a chorus of "get involved!" and "just go up and start talking to people!" And for some people, that's hard. Anyone who gets involved in C-Eng will have a different story of how they got involved in their stream society, how they first heard about Leo's, how they took upon a directorship or first learned of "Ollie's? Ollie's!". I'm grateful for the Times and how it was my introduction into C-Eng. Whether writer or reader, this platform conveys the silliness, informativeness, memeiness, and C-Engness that is quieter, subdued, and ultimately, safe for those who may have a hard time putting themselves out

there. And I love it.

This year was a little different. I want to thank everyone who made the Iron Times a success, especially when transitioning from printed to digital issues. The spirit of the paper is still alive, the submissions are hilarious, and the readers have still been soaking up the content despite these changes. Everyone who helped edit, write for, or read an issue this year - thank you. And of course, a big thank you to the astonishing Andy Curtis, who was able to crush being Editor-in-Chief while juggling at least one or two other directorships. I'm thrilled to see him take on VP Publications next year and I look forward to reading future issues, whether print, digital, or delivered by carrier pigeon.

And with that, I bid thee adieu. Thank you for letting me be your Publications this year and being so fun to work with. Enjoy your summer, and keep your chin up during these uncertain times. It is stressful, it is inconvenient, but it will pass. Eat your veggies, attend your lectures, and stay saucy my friends!



Thanks again Keely, it's been a pleasure working with you



COLUMNS

Love this article

Caroline's Culture Corner (ft. Gabe)

Pinocchi-07 NO 3000



Caroline Lenarcic
- AERO C IV -



Figure 1: A double whammy of a title right there

In this special anniversary edition of your Iron Times, I invited fellow former editor-in-chief Gabriel Karam to contribute to this column. This month, Caroline's Culture Corner is returning to its roots, carrying out its intended purpose: to serve as a dumping ground for my thoughts on low-grade children's movies. Our poison: Pinocchio 3000. As poison goes, this one's best reserved for torture- slow acting, insidious, but not all that deadly (unless you're a brain cell).

When I stumbled upon this DVD at my local Value Village last summer, I was immediately intrigued. It contains the three crucial ingredients for a perfect bad movie:

An art style that leads one to believe that the animation cost \$12 to render;

An overqualified cast bloated with big name actors (has everyone in Hollywood fallen on hard times?);

A plot that no one - absolutely NO ONE - asked for.

The masterpiece is named Pinocchio 3000, a name so nice you have to say it twice. No, seriously... the title art reads "Pinocchio 3000" horizontally, but it also reads "P3K" vertically like a really stupid acrostic poem. Did the designers think we missed the "thousand" part the first time, like when le-

gal documents state numbers as words with the numerals in brackets following?

The back of the DVD case proudly exclaims, "In the 31st century the magic continues. With Malcolm McDowell as Scamboli, Howie Mandel as cyber-penguin Spencer, and Whoopi Goldberg as Cyberina the holographic fairy." Yes, that's in quotes just to reassure you that we are not making this shit up. I hardly believe these individuals had a magical time making the movie, as we had SUCH a cursed time viewing it. We hope to share just a bit of that suffering with you lovely readers.

The film opens with shots of Pinocchio (in this story, a robot rather than a puppet) being assembled in a manic frenzy of nuts and bolts by inventor Gepetto. Kudos to whoever rebooted the classic tale as a cyberpunk dystopian horror. Disney, are you taking notes? Yeah you are.

The first glimpse of conflict we get to see takes place while two siblings are walking to school on a bridge in the sky. The younger one spots a flower growing on a nearby building, about to get crushed by a robot! The older one immediately does a slow-mo leap across what

was easily a 5 metre chasm and jams a brick in the way of the robot, causing it to explode! The robo-police are there, but elect to watch and do nothing as their city is vandalized by 10-year-olds. This scene served as a delicious appetizer to the visual feast we had just tucked into... to put it bluntly, all the kids are ugly as shit.

Spectating on the scene through an Orwellian holographic surveillance system is mayor Scamboli. In this crucial introduction, we learn many things about Scamboli: he loves robots, but he looks down upon his two incompetent robot henchmen; he has a seething hatred for children, but he has a daughter named Marlene. A complicated man, to be sure. He has a dastardly plot that involves opening a theme park for all the town's children. How unfortunate that the opening night is also the night on which Gepetto prepares to animate his robo-son. In a Frankenstein-esque flash of electricity, Gepetto and his stuttering cyber penguin butler Spencer drain the power of the entire city of Scamboville, unwittingly interrupting Scamboli's unveiling of Scamboland (does this sound a bit derivative, or is it just me?). Back at Gepetto's (sentient)

house, the holographic fairy Cyberina, a self-proclaimed clairvoyant, tells Pinocchio that if he can learn the difference between right and wrong, she will transform him into a real human boy. And yeah, his nose grows when he lies, there's no reason for this.

Side note: although he's a puny robot boy, his nose defies all physics and has the strength of at least five giants. When he turns his head from side to side, the skinny telescopic protrusion tears through time, space, and anything unlucky enough to be in its way. Including any supporting characters. R.I.P.

If the plot seems disjointed and haphazard so far, fear not... it gets better after this! Hold on a sec - was my nose always this long?

As the scenes go by, it becomes increasingly clear that whoever directed this movie had no concept of physics, children, character development, or just basic human emotions. When Pinocchio shows up for his first day of school, the mayor's daughter Marlene saunters up and immediately challenges him to a duel ("the Imagination Game"). The only titular reference comes in this scene, when Pinocchio claims he has a state-of-the-art "P3K Imagination Module". The mayor's robo-henchmen, a couple of absolute HAMS, first cheer on Pinocchio, then try to fight him, THEN go back to cheering him on. Pinocchio, completely unfazed, agrees to the Imagination Game, and they all go to the mayor's estate to engage in truancy. The Imagination Game in question is an animated acid-trip reminiscent of Alex the lion's tranquilizer-fueled dreams in Madagascar. Did I mention Cyberina the Holographic Fairy appeared out of nowhere to judge the game? Nothing in Pinocchio

COLUMNS

Caroline and Gabe, the dynamic duo



Figure 2: Child 1 and 2, Pinocchio, Marlene, Cabby, and Rodo

3000 seems to happen for any reason whatsoever, and there's literally no continuity in anyone's character from one line of dialogue to the next, making character development impossible.

Now, I'd like to take a short break from the amazing main storyline to shed some light on the supporting cast. Composed of (I guess?) Marlene the mayor's daughter, the robo-henchmen Cabby (the tall yellow ham) and Rodo (a wind-up hedgehog ham that talks like a New Yorker), and the stuttering cyber penguin butler Spencer. To begin with, I don't think there's ever been a collection of characters that were so unabashedly archetypal. They are, in order: the Bratty, Lonely Kid; the Two Idiot Henchmen; and the Incompetent Sidekick.

Of all these characters, we both despised Spencer the most by far. It seemed like his only role in the entire film was to spout common phrases, but say them all WRONG in a feeble attempt at what some poor imbeciles may consider to be comedy. It definitely cost a lot of brain cells every time he opened his dumb rusted metal beak. His introduction to the viewers happened when Gepetto's HOUSE told him that his BUTLER was in the FREEZER. Spencer deserves the same fiery passionate online crucifixion that befalls Stuart Little and the Ice Age baby.

A close second for Most Hated Supporting Character is Cabby.

Honestly, there are few words to articulate the utter frustration one feels when subjected to his asinine antics. Nothing he does makes any sense, all he does is trip over his own feet in a slapstick embarrassment. I suppose he's meant to be the comic relief, but I think the only relief would come from turning him off. Permanently.

Ok! Back to the plot.

Having skipped over most of the irrelevant middle of the movie, the two nincomponent (yes, a real insult used in a real movie) robot henchmen "coerce" Pinocchio into being the poster child of Scamboland so that all the city's children, of which there appear to be about 200, will all skip school and play at the amusement park. Pinocchio agrees for absolutely no reason, as usual. The children all know and love him, again for absolutely no reason, as he skipped his first and only day at school. At the opening



Figure 3: WHALECOASTER



Figure 4: "Scamboni the Zamboni isn't real, he can't hurt you"

of Scamboland, Pinocchio and the henchmen hold a sick autotuned live concert and all the kids cheer (in one camera shot, Marlene can be seen scowling like someone ate her pet hamster. In the next, she's cheering the loudest???).

In any case, all 200 children in the entire city line up for the first ride, a roller coaster that goes inside a giant metal whale:

But there's a twist! As the kids go through, the ride turns them all into silver robots! Scamboli "kidnaps" Gepetto, shackles him to a chair, and thanks him, evilly, for the technology to turn people into robots (before turning Gepetto into a robot himself). That's one for the foreshadowing bin! By this point, all the kids have gone through the ride except for Pinocchio and Marlene who apparently don't like each other very much anymore- but cue the next camera angle, and suddenly they're best friends

again! They're about to go into the whale when Scamboni the zamboni rushes out and stops the ride. He gives Pinocchio the classic "you-stay-away-from-my-daughter-you-filthy-robot" speech. But Marlene, ever the sassy pre-teen bitch, renounces her father and goes after Pinocchio. They share a night under the stars and even hold hands, but come the morning, she hates him again (sound familiar? Maybe this is the only part of the movie that actually mirrors human existence).

Alright now, it's impossible to go any further without embarking on a little exploration of the man, the myth, the mayor Scamboli. Never before has there been a character so evil for no discernable reason. Why does he hate children? Why are his eyes red? Why are his ears shaped like loudspeakers? Is he a man or some sort of twisted android hybrid of human and machine? Why does his name sound like a grocery store brand of tomato sauce? Why is his metal ass so DUMMY THICC? These are questions the writers were too ashamed - nay, too afraid - to answer. Scamboli is the type of power-hungry mayor character that appears in children's movies, convincing kids everywhere that municipal governments have much more power than they do in real life. He will stop at nothing to eradicate children,

Continued on Page 6...



COLUMNS

Like seriously, are these people?

nature, and the joie de vivre that makes us human. Who hurt him? Why does he despise his humanity so? How on earth did he father a child? How does he cope with the internal storm that brews within, which compels him to protect his daughter but prevents him from truly loving her? Scamboli is a complex, multi-faceted character of which mere mortal writers can't even dream. Where is the Scambo origin story? Could the world handle it? What truths might his narrative unveil... about him, about us, about society? Perhaps some secrets are best left untouched.

Anyways, we return once again to the actual plot. Having turned all the nuisance children into robots, Scamboli seems to have run out of ideas and is content to wait until Pinocchio comes to save them. "Save them" being a relatively loose term, Pinocchio steals the robo-henchmen's flying car and embarks on a sky police chase with more acceleration scenes than your average Fast and Furious movie. Arriving back at Scamboland, he finds Gepetto, who's somehow sentient as a robot, and they banish Scamboli to the whale (another one for the foreshadowing bin!). Pinocchio and Gazpacho- sorry, Gepetto- realize that, clearly, the way to turn the robo-kids back into regular kids, is just to put them back through the roller coaster, in reverse! Amazing! What a fucking leap of logic!

Gepetto and Pinocchio are the last to go backwards through the whale, but somehow they forgot about Scamboli! There's an epic showdown that culminates in Pinocchio lying to extend his nose and push a conveniently-located red button. A mechanical arm then comes and whisks Scamboli away, turning HIM into a robot! Damn, what a twist. Pinocchio and Gepetto get back on the ride and are turned into humans.

Now, ignoring for one second that the whole plot has



Figure 5: The animators could have tried a wee bit harder...

more holes than a block of swiss cheese, it turns out that Gepetto had the technology to make robots human all along, but neglected to use it on Pinocchio??? That's literally the whole premise of the movie, and the whole premise of the original fairy tale. Instead of keeping this as an important plot point, the writer instead decided to use it as a shitty kind of Deus-ex-machina to dig himself out of the amazingly deep plot hole he must have found himself in by the final scene. To me, that was the actual worst part of the movie. Thoughtless writing that seemed like it was thrown together in one sad, drunken night. But enough about actual, real criticism of the movie- let's go back to how actually insanely terribly all the kids were animated. This screenshot really says it all:

Everyone's safe and human, the robo-henchmen traipse into the sunset, and the video suddenly blackscreens into the credits. I guess that's the end, everyone~!

Final thoughts:

There were some features of the film that were difficult to incorporate into the plot synopsis

but merit discussion nonetheless. First, between Pinocchio and Marlene, there are FAR too many instances of them yelling "Daddy!" We have to daddy-shame here. Unforgivable. Second, the implications of the film and its universe are quite dark. Imagine living in a concrete and steel hellscape where all nature has been eradicated, where the mayor assumes complete control over his constantly-surveilled citizens. Children can be turned into machines with no repercussions. Where were their parents? Gepetto and Scam-Man are the only human adults we ever encounter in the story, and it's uncertain whether they are even fully human. Also unclear is the blurred line between magic and technology in this universe. Cyberina is supposedly a hologram, but the chaos she sows is unlike anything possible by robots, even in the mythic Scamboville. The Imagination Game seems to work by magic too. Does the Scamboverse know no law?

To give credit where credit is due, the director's concept art for this film is pretty nice, and it's a shame the final execution was so nightmarish. We used his website for some of the

images featured in this article: <http://www.danielrobichaud.com/animation#/p3k/>. It's unknown how this project went so far astray... whoever conceptualized this horrific act of torture has clearly never even PLACED in the Imagination Game. Conclusion: the writer deserves to serve jail time. The designers, they need the guillotine. Stat.

And the fallout from this experience? Like Pinocchio and Marlene, our friendship underwent many ups and downs through the 80 minute runtime of this film (only 80 minutes? I swear it was at least 3 hours). I think it's safe to say neither of us has written this much in a while, whether through necessity or rage at such an incompetent piece of art. In the end, we're somehow still on speaking terms >:)

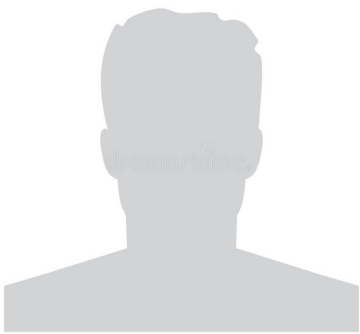
Happy 20th anniversary, Iron Times! Give your current editor Andy a big congratulations for having proofread made it through this entire essay!

As the snappy cyber-penguin butler Spencer would say, Asta la Pasta, Baby!

COLUMNS



Anonymous, spooky...



Anonymous
-SOMETHING IV -

Isn't it always interesting when you read something on-line and you can't quite place where it came from or who it is written by? Or you see a post made by someone and it looks like it could be completely foreign. It's unknown, completely unexpected and it's kind of crazy to see it happen to the people around us.

Whether it be from someone you know very closely or some-

one who is a little more distanced from you, it can be surprising to see something that's even a little bit out of place. It can look a little bit like a virus infecting the host of the person you used to know...

The collective of us writing this article have come to the agreement that it is terrifying when you receive a sentence that seems, oh how shall we put it, out of place. Consider this your warning while being at home that the internet is still a scary place that can mess with people trying to get all your information. They can pose as someone you love or even someone you hate but the truth of the matter is, that it is important to stay safe when dealing with it! Don't click on random links from people you barely know and most of the time you will stay safe.

Staying safe during a time like this can seem like a given, but people pretending to be someone else are always a huge danger to society and individual people. These entities can come out of nowhere and though some people believe that they are only capable of infiltrating the homes of the elderly or those who do not know better, that is not the truth.

But we are getting off point, what does anonymity mean in a technological era? When there are so many people utilizing the internet to browse social media or abuse social media. What this means in a technological era, is that identity can never be guaranteed. Which makes for an interesting question of well who is someone on the internet.

There has been an interesting study done by the Universi-

ty of Nevada out there in the real world: <https://nymag.com/intelligencer/2018/12/how-much-of-the-internet-is-fake.html>. Reminder that research is the best search and that all facts should generally be pulled from valid sources.

The previous source describes the situation that occurred in 2013 where 50 percent of YouTube content was created by bots. These bots pretended to be people in place of the actual content creators and some people feared that the content on Youtube that was created by people would begin to get flagged as fake information and that the bots would take over the youtube algorithm.

Regardless, stay safe out there! Enjoy your time with the internet, but be cautious! You never know who you'll meet out there!



Miryam Yakub Aga
- ARCH D III -

Well, now that we are all dilly-darn nestled into our humble abodes, it is time to reflect on some of the important roadways one may experience in the general urban scope of Ottawa. First, I would like to thank everyone who provided their feedback through the Google Form I incessantly posted about – rest assured; I have read through every submission. Today, I will be going through some of my favourite spicy responses from you, the Spooky Anonymous, and providing a few words of my own on each road! Before I begin, I would like to give a final shoutout to whoever submitted the follow-

ing:
“the article better reference life is a highway and country roads or imma be sad”

I guess you could say that, considering recent events, life is a highway. You maintain your focus on what you see in the approaching distance. It grows in proximity and size until you pass by it and you realize that, given your speed, you are moving far too fast through space to look back on it. You may say that you could just slow down, but our lives are led by a chronometer not held in our hands but held in Earth's time. Make do with the time you have and live it to the fullest. Ok, enough life talk.

Campus Avenue
“It bamboozles me.”
“Absolute joke of a roadway.”

In the past, if you were not aware, this road was a two-way street all throughout. Most of the rage comes from the closure of the second lane on the bridge by the parking lot which, if it were opened, would allevi-

ate the frustration of having to complete a full loop around Campus in order to get out of... Carleton Campus. When I was first moving into Residence, my assigned building was Glengarry House and it was not clear where to check-in, get stickers, drop-off, etc. The unfortunate chaos ended when my father reversed into the drop-off zone at Glengarry after being asked for the third time to go back around (even though we were ready to pop that trunk and yeet out of the car).

Big power move. Had to do it to 'em.
Colonel By Drive
“I'm a slut for a canal view.”

“I feel like I'm gonna blow up all of my wheel assemblies every time I drive here.”

The canal. The icon of the Ottawa lifestyle. So pretty in the summer, so full of water and probably E. Coli and other things you would not want in or on your body. Colonel By is certainly scenic, featuring a wonderful bike and pedestrian

path on its perimeter and a pretty speedy roadway on either side. I must admit, there are certainly potholes that would require fixing but... come on. It ain't even that bad.

Baseline Road
“Issa road that leads to 420 Dynes. That's all I know.”
“Reminds me of the Beep Test.”

My first experience with Baseline was the joyous celebration of the C-Eng Musical: Michael Mia in 2018. After a copious quantity of wine, I am thankful I did not bike back to Residence through Baseline and instead took the Canal. Unfortunately, most have reported that Baseline has a lot of stop-and-go and that advise you to bring the Graval. Yikes.

Bronson Avenue
“Yeet yeet pothole mcgeet. Your one stop shop for high paced mechanical torture, the likes of which your car has never seen. It's like cross fit for your suspension but at highway speeds. They should actually



COLUMNS

TAKE MEEE HOMEEEEEE

have more dentists in Ottawa for all the teeth clenching that happens when you see a hole so big that it could swallow a child and you're about to hit it hoping you can afford to repair the physical and emotional damage."

Honestly... you've said it all. Additionally, RIP bus 4 Rideau. The 10 Hurdman just ain't the same... you could say that just Hurt-man.

Rideau Street
"ChAoS"

"You will turn orange"
"The McDonalds here has a Really Awesome Collection Of Odd Nightgoers."

I'm a sucker for Rideau Street

due to the number of bubble tea shops in the area; it is seriously insane, call it my Strange Addiction (probably still better being addicted to bubble tea than what the fellas hanging outside of McDonalds are on).

Rule of thumb: avoid being in the vicinity of Rideau McDonalds, especially at night and/or by yourself.

It really is... hell.
Airport Parkway
"This bad boy can fit so many scav clue hunters on it."

"You really will believe you can fly."

"Zoom. Zoom."

Let me start by saying I rigorously scoured Google Maps

to make sure that this roadway, indeed, is the one with the Cool Bridge. We will see how Treasure Hunt plays out this year... oh, the Places You Will Go.

At night, I have felt as if I am playing Need for Speed in real life... did someone say Formula 1?

Queensway/417
"She really is a crazy b****."

Save the best for last, am I right? This highway has had its ups and downs, lefts and rights, constructions and deconstructions, repairs and... unpairs. She is the bipolar route of the land, the one who at times is your best friend, your local Speedy Gonzalez, while at others is almost as slow as Gary

from Spongebob. If this road were Ash Ketchum and the vehicle varieties are Pokemon, it would really Catch 'Em All.

Closing Remarks
"I think Library Road is underrated. There's a speed bump beside Canal that is the closest thing Campus has to a huge jump. I nearly ate shit once, flying off it on my bike. I bet I looked pretty sick though, so it was worth it."

Hopefully these Country Roads have taken you home to a place you truly belong most now. Stay safe, rest well, eat good, call your friends, be kind, and give school your best shot. Maybe I'll meet you at the crossroads... (:



Rachel Parson
- ENVIRO I -



Hello all,
The following message is sponsored by not the Government of Canada.

Recently, the author of this article attended the second ever Conference on Sustainability in Engineering (CSE) hosted by the University of Waterloo. During the conference, there were many words said. Some of them were fashioned into the following sentences: finish your basements to conserve heat energy, geothermal is very expensive, environmental impacts are generally a secondary consideration, the term "alternative fuels" includes natural gases and electricity produced by coal, the grid cannot sustain the increase in use of Electric Vehicles in its current state, and many oth-

er generation defining statements from the many guest speakers; students, researchers, and engineers. Allow me to introduce some coherence. Rest be assured, the future is hopeful.
Our first official presentation of the weekend was given by a representative of Reep Green Solutions, a charity meant to help people

live sustainably. The majority of information passed was directed towards their REEP Sustainable House project and the technical advancements in sustainable housing developed throughout this project. Some of the most interesting innovations are as follows:
In the shower, a copper drainpipe collects access heat

from the water and recycles it
Stratification is avoided by using a furnace that has different coordinated settings for each floor
PV Solar Panels were used as some of the siding and on the roof.
To retain the heritage-feel and beauty of the home they replaced the original wood

COLUMNS



Tables <3

frame stain-glass windows with new custom stain-glass windows and a fiberglass frame with wood veneer.

The shingles were made of recycled material.

One would save \$1900 dollars a year with all these sustainability updates.

Insulation was used to break the thermal bridge throughout the framing and the brick by leaving 2” between them and then filling the gap with insulation.

This type of renovation would cost 100-200 thousand dollars to do, but more feasible renovations can still reduce cost per year by 60%.

After this, being the first presentation, the author left the room feeling very inspired by the straightforwardness in ability to make a very large change in energy consumption just by making conscious decisions for the well-being of homes.

The second speakers of the day brought some very real perceptions and necessary outlooks forward. They began with the 17 sustainable development goals originally brought forward by the First Nation Peoples of Canada:

- No Poverty
- Zero Hunger
- Good Health and Well-Being
- Quality Education
- Gender Equality
- Clean Water and Sanitation
- Affordable and Clean Energy
- Decent Work and Economic Growth
- Industry, Innovation, and Infrastructure
- Reduced Inequalities
- Sustainable Cities and Communities
- Responsible Consumption and Production
- Climate Action

Hybrid	Plug-In	Battery
The electric component will give an extra push in the beginning 10-20km, then the gas will kick in	Can drive either on battery or on gas	-zero tailpipe emissions -TESLA Can be either short range or long range -Short range: <50kWh -Long range: > 50kWh

Life Below Water

Life on Land

Peace, Justice, and Strong Institutions

Partnerships for the Goals

It is highly important for ENGINEERS to: take accountability the sustainability of designs, communicate to the general public, and to not be deterred from working for companies without sustainable or environmental focusses. Especially in places such as these, often a small change in environmental management practices in these places will make the largest impact. Some important advice to note is that the easiest way to convince non-likeminded people to adopt sustainable environmental practices is to speak their language. For example, speaking to businesspeople about how sustainable practices will affect their bottom line.

One of the most important questions a person could ask in this millennia is given an answer in the favourite presentation of the weekend for many delegates.

What is our Biggest Sustainable Energy Problem?

Canadians still eat lettuce in the wintertime.

...

Just kidding.. But that is not far off. Over the years many large provisions have been set in motion such as the Montreal Protocol (1989), the Rio Earth Summit, Paris Accord, Nanticoke Closing, and the Greta Thunberg movement. Although many serious issues still persist unsolved such as: air trans-

port emitting 5% of our CO2 emissions alone, people are still flaring (burning natural gas at fracking sites), the energy increasing along with GDP as it is an energy critical economy, even if energy per capita AND population stabilizes it won’t necessarily be sustainable, and methane and nitrous oxide are falling under the radar even though nitrous oxide is 50x stronger and methane is 100x stronger a GHG than CO2. Trapped in an efficiency paradox, even if engineers make something more efficient, the energy poured into it will remain the same. For example, data centers use more energy today than paper in the United Kingdom.

And then, to add a few more questions to answer the first one, human and earthly values must also be addressed. How much climate change is acceptable? How much smog is acceptable? How much diversity must be maintained?

The answer to our biggest sustainable energy problem is this: the concept of growth is essentially a belief.

Often the type of energy we use carries a lesser weight than how much we use.

Following this mind boggling presentation the delegates were graced with the next; The Future of Electric Vehicles and Their Impact on the Grid.

There are 3 types of Electric Vehicles(EV) seen above.

There are many pros and cons to each type of EV but there are certain positive aspects to all of them. EVs will: save money on gas, save money on repair (lifecycle of the

battery is at least 10 years), reduce environmental footprint, be the newest gadget, and be quicker; convenient, and a better user experience. Although unfortunately, the challenges with EV adoption include the: longer charging time compared to stopping by a gas station, expense of batteries, limited infrastructure, and range anxiety.

The justification for spending LARGE sums of money to implement the EV infrastructure is developing in due time. Two important facts that will play a major role in investments into the electric vehicle implementation are: the cost of EVs is expected to match the cost of gasoline vehicles by ~2025 and the USE of EVs will explode (not the EVs themselves) putting significant strain onto the existing electrical grid. The grid cannot sustain a large increase in use of Electric Vehicles in its current state. Although, demand-side management and smart charging will be key contributors to the growth of the Electric Vehicle industry.

Our last speaker of the day finished up the whole conference perfectly by reminding the delegates that engineers are crucial to lead our seeds of sustainable stewardship; partnership, community, technology, training/empowerment, implementation, and governance.

So yes, if you got this far thank you for reading, I hope you learned something and maybe even wish to attend the next CSE. That’s all from me, the author.



COLUMNS

ULTIMATE thank you to those who actually linked a photo



“What do anniversaries remind you of?”

Kahini Dhoat
MECH II



Another year's
end

Alex Miller
ARCH D III



Love <3 <3

Owen Short
AERO I



time

Boomers.

Nikita Yovchev
BIOMED ELEC I



Madeline
AERO IV



Alex Stevens
CIVE IV



They remind me of
my Birthday

What does this even
meannnnn :(

Michael Jasper Loh
ENG PHYS II



Everything I have lost over
the course of my life. The
things that I have given up,
and what I have gained in
their place. How far I've
come, and how much farther
I have to go before I will be
happy with myself.

The unstoppable marching of time that is slowly guiding us to an inevitable death.

Cole Foster
MECH II



My friend named
Anna Versary

Gabriel Sanna
ENG PHYS III



Weddings,
celebrations and
cakes!.

Gabriel Karam
CIVE IV



Caroline Lenarcic
AERO C IV



That I probably should have
made a card or bought a gift
or something...

COLUMNS

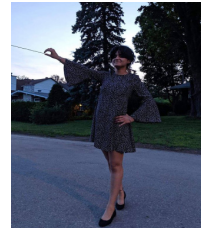
Thank you all for the C-eng speaks contributions this year!

“Why is April great?”



Chocolate and long weekend and end of skool

Because the snow melts and I can finally walk around without falling on my face.



The school year is almost done! And then summer will come around once more, and perhaps I will see old friends again.



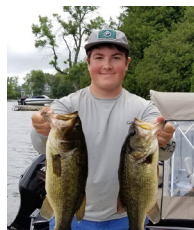
It isn't because it doesn't have any musical rehearsal



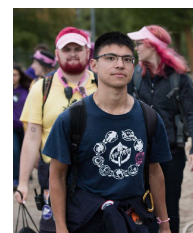
Spring means green leaves and April means exams... Atleast it's not ELEC 2501

Because SPRING

Cause I'm done the school year and also celebrate my birthday in April



Showers are guaranteed to bring flowers in just ~30 days



B/c its riding season begins, snow has melted(sad and happy), and the end of the semester



Hella showers

My work is sending me to Europe just in time to catch the coronavirus :)

“What is your favourite Iron Times moment this year?”



When learned about C-Eng Speaks :)

October's cursed concoction



The part where magnitude of the applied force times the distance from the radius of the moment times since of the angle between the force and the radius arm



Idk can't say I read it

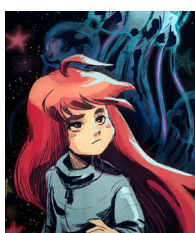
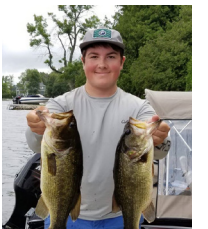
When Stew said "GNCTR" it really brought a tear to my eye

I am going to be honest: I have never read a single issue.



Cursed drinks

Seeing all the monthly columns continue throughout the whole year!



Iron times never heard of it, the only times I read is my textbook #always-bestudyin

Cam's stapler review



Every moment



SOCIETIES

CSCE, one of the corners of the 3300 Block!

CSCE CARLETON CHAPTER UPDATE - APRIL

Happy quarantining everyone! With the semester's extracurriculars already shut down, CSCE wants to take the moment to appreciate a successful year. As for events in March, CSCE had their annual WGM where members were able to get an understanding of what our council has accomplished this semester, as well as we got feedback to implement for next year! A notable event that ran this march was the MCON tour. MCON is a

precast concrete facility that supplies precast pipes and retaining walls to Central, Eastern, and Northern areas of Ontario. This event was a great opportunity to learn about the world of precast concrete, and we're looking forward to making this a yearly event!

As many other societies, CSCE Carleton Chapter closed its office (ME3379) for the remainder of the semester, as well as cancelling

all future events. CSCE is taking extreme precautions around COVID-19 and is following recommendations from Ottawa Public Health. That being said, CSCE would like to thank everyone that helped out or attended our events this year. It was a very successful year and we're looking forward to an even better one next year!

Stay healthy, stay safe, and stay inside.



PRECAST VS CAST ON-SITE CONCRETE



Hani Elkhairy
- CIVIL II -

So, on the 10th of March CSCE got the opportunity to visit M-CON's precast concrete plant. This was an amazing experience for us as we got a chance to learn a lot from the engineers about precast concrete. I would like to share some of the knowledge that they shared with us and talk a bit about the difference between cast on site and precast concrete.

So cast on site concrete is essentially what its name implies, you build the formwork and pour the concrete and let it cure on site. This is normally seen in building constructions such as the new Tracey

building here at Carleton. Precast concrete is when the concrete is cast, poured and set at the concrete plant. This allows the concrete to be formed in more complex shapes such as pipes, retaining walls and much more.

The advantage of precast concrete is that its easier to cast more complex shapes

and let them cure in a more climate controlled setting; this allows for a far more consistent quality of concrete because the inconsistency of the weather can take no part in the curing process. There are disadvantages to pre-casting concrete, such as the transportation of the products. This is because it is much easier to transport concrete

in a concrete mixer than in its final form and makes it very difficult to transport larger precast objects.

As this is our last article of the year, I would like to thank everyone for such a great year even though it has ended abruptly. I hope you all stay safe, healthy, survive exams and have an amazing summer break!



COLUMNS

Thank you SOOPP for the amazing articles this year!



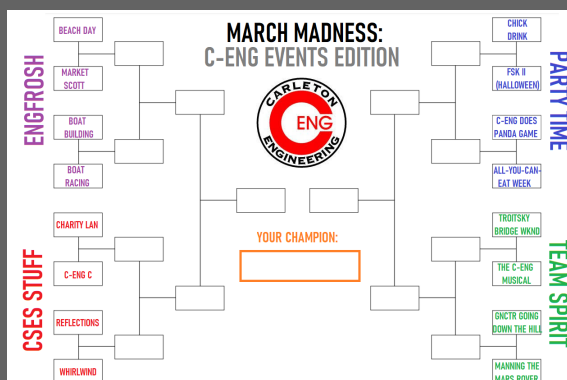
Hey CEng. Sending clean happy thoughts. We hope to see you next year! Don't forget to follow us on Insta and Facebook because we for sure will be active in the coming months! New SOOPP Brothas? Have to wait and see! Love, SOOPP.



Brotha Julia Dalphy

So we've made it to the final Iron Times issue of the year, eh C-Eng? And what a bizarre, unprecedented ending that it has been... Normally, The Brothahood would have entertained you these past few weeks with our usual antics such as DUSTED, our Bursaries, Resume Workshop and SOOPP Kitchen. DUSTED is the most ironic story, since we initially postponed it intentionally, and even joked that it "had never happened" on Leap Day... but the joke was MUCH less fun when we had to legitimately cancel the final event. However, we guarantee that next year's will be twice as much of a riot to make up for it. Our Awards are actually one of my favourite things provided to C-Eng by SOOPP. While most forms of recognition require great grades, unparalleled heroics, and qualities a mother would love... ours are a little different. We give \$\$\$ to the people who keep shit rolling, lose sleep for their peers, and still party like a rockstar (and for the grad... they'll have a job soon, so they get a drink ticket + all our love instead of the cash). Instead of presenting at Reflections, we made a video so epic CSES only included

the chill part in their final cut of the ceremony ;) -- check it out on our Facebook page. Our Resume Workshop is also an event we look forward to, as some of the most useful career advice comes from people who've actually been in your shoes at one point. But don't worry, you can still share yours with us (at: erin@soopp.com) and we are happy to grill it (or just give some pointers) from afar. And as for SOOPP Kitchen, don't worry... all that food didn't go to waste; the brothas are just all just a few pounds heavier... (#QuarantineForty). Our comfort food recipes will be perfected for next year, don't worry (personally, I've mastered a great buffalo chicken mac n' cheese)! So, it's hard for me to replace all these awesome would-have-beens just sitting at my keyboard, but I've tried to come up with a few fun activities for you all to do from home. So, I invite you to participate in the below activities I came up with in an attempt to reflect on your year in C-Eng as you now self-isolate and maintain a six-foot radius of social physical distancing. Share your results with us on social media, DM them to us, share on your story, post in in Flightsuits, or use the hashtag #Soopplsolating or #IronTined anywhere, and maybe we can share them alongside some of those completed by the Brothas! All the best, thanks for a great year, and we'll catch you in the Fall. Xo



ACTIVITY 1: C-Eng Event Bracket Challenge (Fill out & share your bracket!)

QUARANTINE BINGO				
A PROFESSOR DOESNT EVEN BOTHER WITH VIDEO LECTURES	WATCHED SOMEBODY DO TO PUSHUPS ON THEIR INSTA STORY	YOU HAVE A VIRTUAL HAPPY HOUR WITH ALL OF YOUR FRIENDS FROM SCHOOL	SOMEONE POSTS A MEME IN FLIGHTSUITS ABOUT MEMES IN FLIGHTSUITS	SOMEONE YOU RESPECTED POSTS A "#UNTIL TMRW"
WATCHED A FREE "CONCERT" ON INSTAGRAM LIVE	RECEIVE A PHOTO OF A COLLEAGE'S PET "WORKING"	FEEL TOTALLY MIND-FUCKED AT MINIMUM ONCE PER DAY	YOUR PARENT TELLS YOU TO MAKE THE MOST OF THIS "SPARE" TIME	ACTUALLY PARTICIPATED IN A RADIO CONTEST (MIGHT AS WELL TRY)
UBEREATS FROM TO SUPPORT A LOCAL RESTO (CAUSE YOURE NOT JUST LAZY)	YOU PULL THE TRIGGER & DOWNLOAD TIKTOK	YOU GET REALLY FUCKING BORED	SANG A SONG ON YOUR BALCONY IN BEAUTIFUL UNITY	YOU BLOW THROUGH YOUR QUARANTINE SNACKS IN THE FIRST WEEK
WATCHED THE MORNING, AFTERNOON AND EVENING NEWS	YOU HAVE NO IDEA HOW THE HELL FINAL EVALS ARE GOING TO WORK	SECRETLY WONDERED IF YOU ACTUALLY HAVE ENOUGH TOILET PAPER	SANG HAPPY BIRTHDAY TOO MANY TIMES TO COUNT WHILE WASHING HANDS	JUSTIN TRUDEAU IS OVER 30 MINS. LATE TO HIS OWN PRESSER
GOING FOR A WALK IS ACTUALLY REALLY EXCITING	YOUR DOG IS TRULY LIVING THEIR BEST LIFE (OR: CAT ISNT.)	SCOFFED AT A CELEBRITY WHO TRIED TO SEEM RELATABLE	YOU NAP MORE THAN THREE TIMES IN THE SAME DAY	YOU SPENT THE WHOLE DAY IN THE CLOTHES YOU SLEPT IN THE NIGHT BEFORE

ACTIVITY 2: Quarantine BINGO (Fill out & see if you can get a line!)

My Fav Things  IN GIFS

LEO's SNACK	ENG FROSH TEAM	STUPID MEME
<input type="text"/>	<input type="text"/>	<input type="text"/>
COFFEE SPOT	CLUB OR SOCIETY	ADULT BEVERAGE
<input type="text"/>	<input type="text"/>	<input type="text"/>
FLIGHTSUIT PATCH	VIDEO GAME	LOVE TO HATE
<input type="text"/>	<input type="text"/>	<input type="text"/>
YOUR TURN!		
<input type="text"/>		
<input type="text"/>		
<input type="text"/>		

STORY TEMPLATE BY @CENG.SOOPP

ACTIVITY 3: InstaStory 'My Fave C-Eng Things' (Fill out with GIFS on your story and tag your friends too-- this one's for the new age of social media... we see your trends!)

For more High Definition photos of the challenges, please email irontimes@cses.carleton.ca

Follow us on Social Media, at:
Facebook: [/BrothahoodOfSOOPP](https://www.facebook.com/BrothahoodOfSOOPP)
Instagram: [@ceng.soopp](https://www.instagram.com/ceng.soopp)

Or maybe this background



CARLETON STUDENT ENGINEERING SOCIETY

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APRIL


2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	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	1	2

 Alexander's Office
3390 Mackenzie

 613-520-3616


 Open Monday-Friday
8:30 AM - 5:30 PM

 Open Fall & Winter
Academic Terms



CARLETON STUDENT ENGINEERING SOCIETY

3390 MACKENZIE BUILDING

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WHAT IS CSES?

THE CARLETON STUDENT ENGINEERING SOCIETY HAS BEEN SERVING THE STUDENTS OF CARLETON ENGINEERING FOR MORE THAN 35 YEARS.

ITS GOAL IS TO PROVIDE ITS MEMBERS WITH ACADEMIC, PROFESSIONAL, AND SOCIAL RESOURCES TO HELP THEM MAKE THE MOST OF THEIR FOUR (OR MORE) YEARS AT CARLETON. IF YOU'RE AN UNDERGRADUATE STUDENT ENROLLED IN A STREAM OF ENGINEERING, YOU'RE A MEMBER OF CSES.



President
Johan Prent

Hey C-Eng, this is it. The final blurb you'll see from me! I hope you are all safe and healthy despite the current situation we are all in. I hope you all had a great year at Carleton and are not too stressed about exams. Having been here for 5 years, and seen the engineering community at other schools, I can confidently say that C-Eng is the best engineering community. And I am happy to have seen it grow and become the amazing group of people that it is today! On the contrary however, I apologize to all about the cancellation of reflections, and assure you that we are working with next years CSES Council to ensure that all funds are returned to their rightful owners. I wish we were not in the middle of a pandemic, so that this final blurb would have a happier note to end on, but alas, here we are. So with that, adieu C-Eng! Thanks for everything <3



VP Finance
Grant Sutherland

Howdy all,
It's here the end is finally upon us. I didn't think it would all end this way but this is the way. I wish you all the best for however long you have in the C-ENG community. I leave the CSES finance empire to the President and Internal next year till my heir is elected. I'm going to miss C-ENG, from being a first year heavily against it to a fifth year involved in as many places as possible. Thank you all for a great year and pay attention to your email for updates on refunds, cheques and CSES updates.
Auf Wiedersehen



VP Internal
Andre Lawrence

Hi everyone. I hope you are all doing well. Update on pewter mugs; all mug orders have been received and quality checked from this year's Winter 2020 orders and are secured in the CSES office until such a time that we are able to distribute the. Now that the year is coming to a close, I wish you all the best as we enter new territory going into this exam season. If you have any questions regarding how items within the VPI portfolio will be affected by the current climate caused by COVID-19, feel free to reach me at internal@cses.carleton.ca. Thanks for a great year guys!



VP External
Abby MacGillivray

Hey C-Eng! It has been a pleasure serving as your VP External for the past year. Thank you to all my directors, the council, the office staff and the membership for an awesome year! Best of luck with exams and have a great summer!



VP Publications
Keely Gibb

Hello friends! Would you look at that, it's April already. Before passing the Publications torch over to Andy Curtis next year, I want to give a big thanks to all of my directors from this year. I had so much fun working with you and the rest of the CSES exec team. If you have an interest in contributing with The Iron Times, The C-Eng Gong Show, the CSES website or social media next year, I highly encourage you to apply when hiring season begins. Thanks for a great year and enjoy your summer!



VP Social
Logan Macgillivray

Thank you all for every great moment this year. While I have no new events to share, I want to thank each of you for helping make the events what they were. If you are up to it... check out each of my exec blurbs from the past year. Hidden within all eight is what I think makes C-Eng so great.
With that, I will sign off for the last time. Hope you all do well on exams!



VP Services
Jasmine Eriksson

Hello CEng. Congratulations to the new Services Elect, Kristen Johnson! Not much to report this month so with that, I'd like to say thank you all for this awesome year and goodluck on your exams!



VP Academic
Cameron Davis

Hey everyone! Although many of our events in March and onward have been cancelled due to the ongoing pandemic I want to thank all of you for your time and for such an amazing year! I am wishing next year's team the best and look forward to seeing you guys in the community.

DON'T BE A STRANGER! ANYONE INVOLVED IN CSES WOULD BE HAPPY TO TALK TO YOU ABOUT ANYTHING FROM DIRECTORSHIPS AND EVENT PLANNING TO VOLUNTEERING AT LEO'S LOUNGE, OR JUST SHOWING UP TO EVENTS. IT ALL PLAYS AN IMPORTANT ROLE IN MAKING ENGINEERING YOUR FAMILY AWAY FROM HOME. REMEMBER... EVERYTHING COUNTS FOR FLIGHTSUIT STAMPS.



DISTRACTIONS

I'm gonna miss this

THE SIGNS IN QUARANTINE

Written By: Mairah Vance

Aries

THIS QUARANTINE SEASON YOU’LL BE DEALING WITH A QUARANTINE BUDDY THAT YOU WILL WANT TO FIGHT DAILY. HAVE A DANCE PARTY, BUT DON’T TEXT YOUR EXES OUT OF BOREDOM.

Taurus

WHILE STAYING AT HOME YOU WILL BE WATCHING A LOT OF NETFLIX, TAKING NAPS, AND EATING ALL THE SNACKS. TRY GOING FOR A WALK OR WORKOUT FROM HOME.

Gemini

RIGHT NOW, YOU’RE VIDEO CHATTING WITH ALL YOUR FRIENDS AND FAMILY, WATCHING FUNNY VIDEO COMPILATIONS, AND DRINKING A LOT. YOU’RE HAVING A ROUGH TIME WITHOUT SOCIALIZING, TRY TALKING TO A COUNSELLOR.

Cancer

THIS QUARANTINE ISN’T HITTING YOU TOO HARD AS YOU’RE A REGULAR SOCIAL DISTANCER. YOU’RE PROBABLY COOKING AND BAKING A LOT OF DIFFERENT FOODS. KEEP ON KEEPING ON CANCER.

Leo

WHILE SELF ISOLATING, YOU WILL BE DRINKING ALL THE PAIN AWAY AND COOK-ING EXTRAVAGANT AND ELEGANT MEALS. ENJOY YOUR TIME COOKING, BUT DON’T BECOME AN ALCOHOLIC.

Virgo

DURING THIS EPIDEMIC, YOU WILL BE CLEANING ALL DAY LONG, THINK YOU HAVE CORONA 20 TIMES A DAY, AND PREACHING WAYS TO STAY HEALTHY ONLINE. TRY NOT TO ALWAYS THINK ABOUT THE CURRENT SITUATION.

Libra

IN THIS LOCKDOWN, YOU CONTINUE TO IGNORE TEXTS AND CONFUSE BOREDOM WITH HUNGER. YOU HAVE PROBABLY BRO-KEN DOWN AND STARTED MAKING TIKTOK DANCES. MESSAGE YOUR LOVED ONES AND MAKE SURE THEY’RE SAFE.

Scorpio

SINCE YOU’RE MISSING THE HOMIES, YOU ARE TRYING TO QUARANTINE AND CHILL, BUT DON’T DO IT SCORPIO. YOU ARE ALSO READY TO SPRAY SOMEONE WITH LYSOL, IF THEY SO MUCH AS CLEAR THEIR THROAT.

Sagittarius

YOU’VE BEEN KEEPING BUSY DURING THIS TIME BY WATCHING TRASHY REALITY SHOWS, MESSAGING THE SAME PEOPLE ON DIFFERENT PLATFORMS, AND HAVING A WINE TOUR BY YOURSELF OF YOUR HOUSE.

Capricorn

THIS GLOBAL EPIDEMIC WAS NOT A PART OF YOUR 2020 VISION BOARD, BUT YOU WON’T STOP TRYING TO BETTER YOURSELF. YOU WILL BE DRESSING UP DAILY, JUST FOR THE LIVING ROOM. IT MAY BE HARD TO BE PRO-DUCTIVE BUT CONTINUE TRYING.

Aquarius

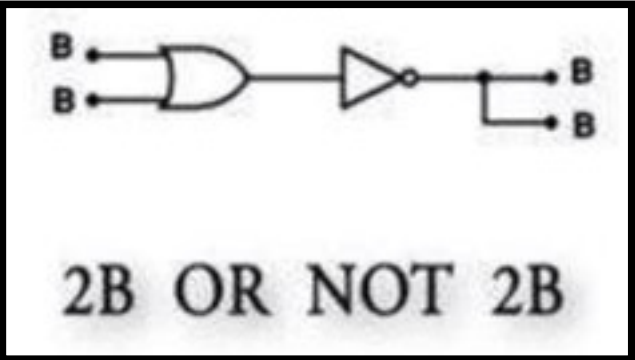
WHILE SELF ISOLATING YOUR HOME WILL FEEL LIKE A PRISON, YOU WILL END UP BINGE WATCHING SHOWS YOU HATE, AND YOU WILL PROBABLY GET NOTHING DONE.

Pisces

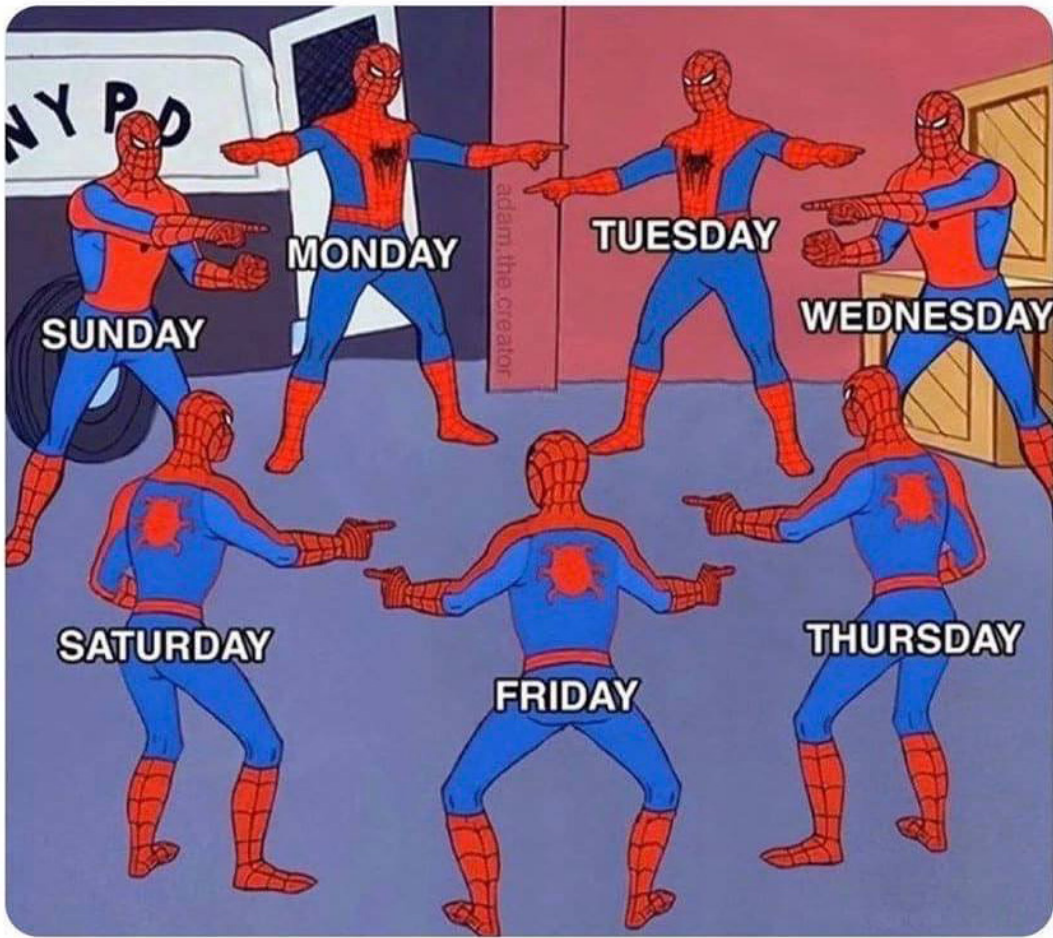
DURING THIS LOCKDOWN, YOU WILL BE EXCITED FOR YOUR DAILY WALKS AND FAN-TASIZING ABOUT THINGS THAT WILL NEVER HAPPEN. YOU WILL PROBABLY BE POSTING A LOT OF THROWBACK PHOTOS ONLINE.

DISTRACTIONS

No more comics or memes required, thanks Chandler for the content!



how everyday feels



University Students at this time of year be like



I'll give you a hint, the word is a colour, sort of

LAST CALL

It me!

THE IRON MAN

Andy "Suit Up" Curtis

-AERO C IV -



Hailing from:

Peterborough, Ontario

Best Feature:

My singing voice probably, when it's not dead :(

Worst Nightmare:

The one where I'm sitting in a car that won't start and wasps come in through the vents and form mats on my skin

What is the worst song to get stuck in your head?

Memories by Maroon 5 (It sounds too similar to Pachelbel's Canon)

What is your deepest darkest secret?

I had black hair once

What is the best muffin at Leo's?

Banana Chocolate Chunk, the only correct answer

C-Eng Involvement:

Various Involvement in the Engineering Musical

Facil, Head and Director of EngFrosh

Iron Times Editor-In-Chief

Constitution and Policy Review Committee Chair

Charity LAN Captain and Magic Director

VP Publications-Elect



USES for the CHARLATAN

> If you are looking for the word for this month, It's higher up

> Toilet Paper for the Boomers that are still worried about all of it disappearing overnight

> Patching my Flightsuit

> Shitting on them during the musical which surprisingly we didn't do this year

> For throwing in the air and screaming eureka

> For doing the dances from the Newsies to smother the paper on the ground

> Writing down my song ideas that I will never get to come to fruition cause I can't finish a song to save my life

> Anything but reading it, for the love of God don't read it. Seriously don't. If you do, I will find you

THE IRON LADY

Keely Gibb

- AERO D IV -



Hailing from:

Amherstburg, Ontario

Best Feature:

Elbows

Worst Nightmare:

The One Direction hiatus never ending

What is the worst song to get stuck in your head?

The Elmo's World theme song. It's haunting.

What is your deepest darkest secret?

Andy Curtis is actually an android. We built him to serve the C-Eng community and we have to recharge him in the SGRC every night. What did you think Andy was short for?

What is the best muffin at Leo's?

Carrot!

C-Eng Involvement:

C-Eng-C Competitor, volunteer and Publications director

NEM volunteer and Social Media director

Iron Times Editor x2

CMAS Publications

EngFrosh Facil x2

EngFrosh Head x1

CSES VP Publications

Editor-in-Chief

Andy Curtis

Special Thanks To:

Everyone, for all your help

Issue Made Possible By:

The people submitting content for The Iron Times

It's the Final Countdown

Ba na na na, bum,
banana na na, bum,
bananana, bum,
bananananaaaaa

- Footnotes -

VP Publications

Keely Gibb



This is my last Iron Times...