





the carleton student engineering newspaper



The iron dream

https://www.mycses.ca/iron-times-archive

December 2019

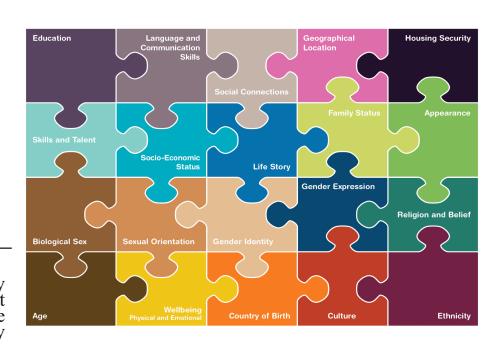
Diversity in Diversity



Nika Amralah - AERO D IV -

When we traditionally think of diversity, the first thoughts that usually come to mind involve visually detectable diversity. However, there are a multitude of invisible ways in which diversity can be present. Individuals can exhibit diversity based on their cul-Individuals can exhibit diversity based on their cultural background, race, nationality, gender identity, sexual orientation, religious beliefs, political affiliations, level of education, socio-economic status, life experiences, and neurodiversity, as well as numerous other factors. Further, diversity is not only about the way you are, but also about the way you think.

Additionally, it is important to note that there is diversity in diversity, allow me to explain. Humans are complex beings, and every-one has witnessed different experiences that result in their current unique per-spective in life. Therefore, it follows that each individual has a wide variety room agrees on every topic



of factors that make them diverse. From the previous list of ways that one can be diverse, each of us is some combination of answers that make us who we are. You can have a group of people that are all the same in one manner, for example by their gender identity, but still be widely different in all other aspects. This is the meaning of diversity in diof factors that make them meaning of diversity in diversity.

Now I would like to shift our focus to the benefit of diversity in the engineering workplace. Naturally, the collaboration synergistic of varying thoughts and opinions leads to new ideas and innovations. When opinions are constructively challenged, engineers are pushed to dissect their ideas and search for improvements. If everyone in the

and thinks in the same way, the chance of innovation is significantly limited. In fact, it is probably time to find a new room or to change the dynamic of the room by including diverse individuals.

To the reader of this article, I hope that you will embrace and value the role of diversity in the workplace. Encourage others to share their opinions and support voices that are unfairly pushed aside. If you identify as part of a marginalized group in society, I challenge you to own your space. Speak up, be heard, and actively work to empower others that are to empower others that are in a similar situation. Your thoughts are important, and the world needs them to advance. Finally, remember that recognizing diversity as an asset is the key to inciting innovation in engineering.



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AND MUCH MORE!



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.

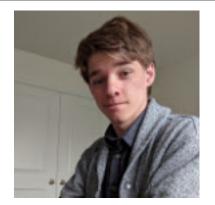
If you wish to express your views on the content within, please email us at irontimes@cses.carleton.ca.

EDITORIALS

I can't believe it's december already

always excited

From the Desk of the \Editor



Andy Curtis
- AERO C IV -

So, It's December and much like everyone reading this, I've yet to come to terms with the fact that the end of the year is approaching. Something I've noticed about my articles this year is that I can't seem to stay on one topic for an entire article. So my goal for this December article is to stay true to my theme for this entire article. What might be this theme you ask? Well it is the theme of the iron times for December, "Getting into the C-Eng Spirit!". Now you might also ask, what does that theme even mean??? And that's an excellent question. Honestly, I'm not even sure, but I would like to believe that the theme means that even though December is busy with exams, it is still a great time to be involved with all of your extracurriculars. So each one of the paragraphs in this article is about my different responsibilities I have throughout the year! I love each of them individually for different reasons!

The first responsibility I want to talk about is the Carleton Engineering Musical! It is a fantastic experience that all started with me being put into a Kuzco costume almost 3 years ago. Ever since the first moment I stepped into a cast rehearsal, it felt like a place where I belong: raunchy jokes, amazing friends and influential people in my life. Musicals have been an instrumental part of my life for such a long time but this one was the first occasion that I

truly felt at home. This was the first experience I have ever had with the C-Eng Community and I loved every second of it. Being the Director of the musical this year has only amplified my feelings for this performance. I love being able to oversee everything that is happening in the musical and I really like interacting with the people I get to meet! Honestly, meeting new people and learning more about the people I already know is fantastic! If you are looking to get into the C-Eng spirit some more then put in your name for props and sets and other positions!

The next responsibility I'd like to talk about is one that I am relatively new at! This one! I love writing for the Iron Times as well as reading all of the articles and C-Eng speaks that people send in! There is such a diversity in opinions and ideas floating around in the C-Eng community and I think it's nice to have a place for people to talk about them! As with most of the positions in the community, this one is challenging but rewarding! One of my favourite parts about the Iron Times is getting to write the header and footer blurbs! They are so much fun because I can just kinda write whatever pops into my head! If you like the Iron Times, I would highly recommend this position to anyone who may be seeking something to do in future years!

Sooooooo, this one I kinda took on a whim. I figured that I could be of some amount of help to the community through helping amend the constitution and policy. Even on Co-op, this position has helped me learn more about the founding rules that drive our engineering society. It also gives me this warm fuzzy feeling of helping people out without them even knowing it! It's kinda like that feeling when you walk through a door and you click the handicapped



button and the door stays open for the next person passing through. You have no idea who you have helped, but they probably appreciated it!

The next directorship that I absolutely love doing is Charity LAN Captain! This is one of two directorships I get to split doing with Jamie Hopkins and I have really been enjoying it! I love seeing people's smiley faces when everything is working exactly as it should and addressing people's concerns when things aren't going exactly as they should be! I've always been a huge fan of video games ever since I was a child and this experience allows me to see first hand how others experience video gaming! I have always been more of a handheld video games kind of guy, because my parents only let me play video games in the car, but I love watching people play console and PC games! (They are a hell of a lot better at them than I am...). Something I really enjoyed at Charity LAN this semester was the massive game of one night werewolf! It was super cool!

Speaking of super cool, your boi Andy is the EngFrosh director! Wooooo party! I really want to use this space in my article to say thank you to the people who have gotten me to where I am. All the people on all of my frosh teams and outside of that who keep pushing me to be better than I already am. I don't know where I would

be without any of you. Shoutout to my former teams; Vikings, Zambonis, Hectate and last but not least, Navigation! I'm super excited for the week and the months of hard work that will lead up to it! I can't wait to see what people will interview for and which teams get formed! I'm super excited about all the decisions I will get to make in this position!

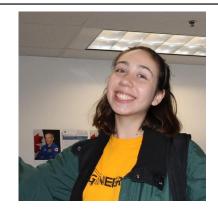
I am super fortunate to have the opportunity to take part in all of these amazing activities! And guess what??? You can too! Most of these positions that I am a part of have a way to participate in them for each and every person! So let me know if you want to participate! I think that's all from me this month! I hope you all have a wonderful exam season and a great holiday season! Don't forget to spend time with your loved ones, whether that be family or friends!

P.S. For all the people who are worried about my health after accepting all of these directorships. I am doing very well so far, and I will surely reach out if I ever need help! Though I greatly appreciate the concern as it means someone cares about me, I am currently in a good state of mind and honestly just miss seeing all of my friends while on co-op! So if you would like, shoot me a message at some point, I would be happy to hang out and talk for awhile! Anywho! Thanks for keeping an eye out for me!

EDITORIALS

Almost winter break!!!!!!

VP Publications Time!!!



Keely Gibb - AERO D IV -

I'll be honest, it's hard for me to get into the festive spirit when there are still a whackton of responsibilities left to focus on. Among all the exams and deliverables, it's still great to take some time to appreciate the season, even if it is in small doses. Personally, I have a hard time getting psyched for things like Christmas or New Years, since by the time I can look up from the (PDF copy of) my textbook, they are already here! Since I don't want to miss out on sharing my HoLiDaY sPiRiT, I figured I would share some of my favourite things about this time of year!

Spending time with the famjam. UGH, this time of year always brings back those nostalgic times. Going home, seeing loved ones, sleeping in my childhood bedroom... all of it brings back the warm fuzzy feeling that I think I miss every once in awhile. Being away at school for so long makes returning home even sweeter; it's like one big candy-cane flavored vibe check.

The seasonal movies are so great? Classic Christmas movies, snuggle up cozy winter movies, even just the Christmas scene in Harry Potter and the Philosopher's Stone when he gets the invisibility cloak.... They all radiate such raw power and emotion. You can really appreciate certain films at this time of year, like you unlock a special WINTER EMOTION capability. My favourite movie



of all time (okay, tied with Battle Royale) is It's A Wonderful Life. I swear, this film is the very definition of raw power and emotion, and to me, it's a staple ingredient of the holiday season.

Food. All of it. Why is there chocolate everywhere? I ain't complaining.

Everything looks like a dang postcard. There are sparkly snow drifts everywhere, long spindly icicles growing off roofs. If you stay inside and look out the window, it's like you're inside one big snow globe. That's just cute.

Honestly, winter break is just a great time to recharge. I know I'll have work to do, but the absence of a strict class schedule really frees up my days and gives me time to relax. Sleeping in, catching up on shows and reading, and playing games are some great ways to let go of

the stressy exam season.

The river troll delivers his annual bundle of pine cones to all the good children. Can't wait to get mine and find out what next year has in store for me!

Okay, I confess, I do listen to Christmas music. Some of those classics are real gems. Have you ever heard of Silent Night before? Beautiful. But, I would have to say my favourite Christmas song is Feliz Navidad. A BOP.

Winter weather means warm clothes, which means I can wear my turtlenecks and unlock my full potential.

You know those small ceramic villages? Just the little decorative houses and characters, and you can set up a little winter scene and it just sits there, doin' its own thing? I love those.

There's something so peaceful and refreshing about wrapping

up a year and starting a new one. We all have a chance to reflect on the last 12 months, how we've grown, and what we want to do in the future. Of course you can reflect on the last 12 months at any point in time, that's really arbitrary, but as this decade rolls to an end, it will be nice to think back about all the great memories you've made and how many more there are to come.

Well, I'm sure there are plenty more great things about winter. Not everyone loves it, but it's great to admire the little things you enjoy about the season (even when you're knee deep in snow). I wish you all the best with your exams (you're going to crush them, you know?) and have a safe and fun winter break! See ya later alligator eat your veggies and get some sleep!



Pineapple on pizza? Yes or no?

CURSED CONCOCTIONS Pizza Adjacent



Ariq Maclean
- COMP SCI V -

Keeping in theme for the previous month's article but absolutely not at all the theme for this month's edition of the Iron Times, we'll be going with the

recipe for pizza for those too lazy to actually make pizza. To preface this, it is actually something that I have made several times, much to the dismay of everyone around me, and now you as well! I've always been a big fan of pizza, but buying pizza often costs a lot of money and making it at home takes a lot of effort. Sure, you could get a freezer pizza and take the easy way out, or you can skip the heating, follow this recipe, and disappoint your parents like me!

Ingredients:

Shredded cheese

Pizza sauce

Toppings (literally anything, ideally pineapple)

Bread (or Tostitos? I don't judge)

Red Solo cup (Blue will not work)

Instructions:

We aren't really cooking anything, you're just throwing a bunch of ingredients into a cup and drinking it like the monster that you are. I hope you're happy. If you need more in-depth instruction than that, seek help.

Please. We are worried about you,

Don't forget to repent after.

There's not really any good reason for doing this except for if you're feeling very, very lazy, and at that point it's probably just better to eat the shredded cheese from the bag. I'm going to be running a competition for this edition as well! The first person to make this recipe and show it to me will earn a free look of disgust! Thanks for suffering through this with us, until next time!

Caroline's Culture Corner

A Reflection on the Impact and Relevance of a C-Eng Symbol



Caroline Lenarcic - AERO C IV -

Exactly one year ago, the last issue of The Iron Times was printed.

The December 2018 edition was the last physical copy of this publication to hit the stands. I was Editor-in-Chief at the time -- a very frustrated, disgruntled Editor-in-Chief. Taking on the

position in the same semester I suffered through Elec II proved arduous at best and soul-crushing at worst. I invested considerable time and effort into the paper, and the fact that no one would ever get to hold a physical copy again was salt in the wound.

I knew it was the tangible nature of a printed paper that made The Iron Times what it was. It was so easy for readers to engage with it when it was just... there. You could work your way through the puzzles on a copy you found on a table in Leo's. You could peruse the front page while waiting for the last class to clear out of Bell Theatre. You could shove it in between the pages of your notebook and pull it out to laugh at the C-Eng Speaks entries when you got bored in a lecture. Like

the old adage goes, "Build it and they will come," or in this case, "Print it and they will read."

So I feared that the hard switch to an online-only presence would completely erase the existing readership. Not only did that sting for me, I also felt bad for all the contributors: the columnists, the clubs and societies who posted updates on their work, and those who sent the odd meme. It felt like there was no point to even having an Iron Times if it wasn't going to be out in the corporeal world.

But upon further reflection, I wondered if maybe monthly readership wasn't as crucial as I thought. I don't know much about the history of The Iron Times, but the online archive at mycses.ca contains issues dating back to January 2010. I

spent a lot of time going through these as Editor, getting a sense of how to organize things. I realized that The Iron Times serves as a time capsule, chronicling the changes in C-Eng culture over the years. If you haven't skimmed through any old issues, I highly encourage it. It's a beautiful way to feel connected to past generations of C-Eng.

I'll always consider The Iron Times to be a relevant cultural C-Eng touchstone because of how it helped me become part of this community. Editor-in-Chief was the first directorship I applied for and got. With that, I decidedly took a step out of the shadows where I had spent the first two years of my undergraduate degree, thinking that I would never be good enough or popular enough

Oh, we're halfway there, oooohhh, Lizard on a chair

to fit in. Through the role, I got to read pages and pages of submissions that made me feel connected to the community. I loved seeing CSCE and CEPS (rest in peace) send updates every month and watching upper years and lower years alike pour their hearts into thinkpieces, poems, and stories.

I'll never forget when I ran into legendary Old Fuck and former Editor-in-Chief Allan Bassi at Whirlwind last year. He told me that he had been reading The Iron Times and was really impressed with my work. Meanwhile, I was just shocked that he even knew who I was. I felt appreciated, like my work was valuable, like everything that I was putting out into C-Eng was

being noticed and received. To me, that's what the C-Eng spirit is all about. No matter who you are, if you present yourself to others with authenticity and passion, they will value you. Whatever your perceptions of yourself, whatever your social life was like in high school, it doesn't matter. C-Eng is a place for you to shine.

So if The Iron Times remains merely a place for past editors to see how their beloved paper is doing, or for current columnists to leave easter eggs for their friends (like this picture of Santa Samoyed), that's fine by me.

Because The Iron Times will always represent what's great about C-Eng, whether it's being printed or not.



STAPLER REVIEW

Dameron Cavis - Unknown ?? -

Many people have asked the age old question, which is the best stapler in the 3300 block? I am here to finally put this question to rest. After years of extensive research, a masters in basket weaving and becoming the Dean of the Faculty of Engineering and Design I am prepared to answer such a question.



EWB Stapler: 13 Trees/10 (Pictured Above)

Stringy boi, always sitting there dangling. Ready for when the 3300 block needs him. Will get the job done all the time unfortunately the stapler has unaesthetic duct tape on it, ruining the whole look.

Forbidden Leos Stapler: (100 Muffins/10) (Pictured Right)

Now this is a stapler, clean design? Check. easy usage? Check. Black on black on jet black baby, thats style. This stapler has got you covered. If this stapler was easy to access I would recommend it to all. However it is hidden away by the Leos GMs, who don't want to share its forbidden power with the world. If this stapler got out the 3300 block would never be the same.



Ol' Reliable The CSES Stapler: (Please participate in C-Eng-C/Help) (Pictured Above)

Now this stapler has seen it all. 96k? She remembers. Henri's knees? Seen 'em. The Unquenchables? She remembers. The Penguins? Mere children in the eyes of this stapler. This stapler has been here longer than I have (not a huge feat). You can always trust this stapler to get the job done.



CMAS Terminator Stapler: (1 Subaru/ Beep Beep the Jeep Jeep) (Picture Below)

My paper: Unstapled

Stapler: Target Acquired

My paper: Stapled

This thing is a monster. It's so bulbous and weird but you know that this thing will staple the shit out of your papers. Arguably the most interesting stapler in the 3300 block. Was it sent to take out Sarah Connor?



CMAS Normal Stapler: (1 CO-OP at Bombardier/ Johan Smells) (Pictured Below)

It's just a normal stapler, the bit of silver on the top looks bad. Not a fan of the curved design on this guy but it will definitely get the job done.



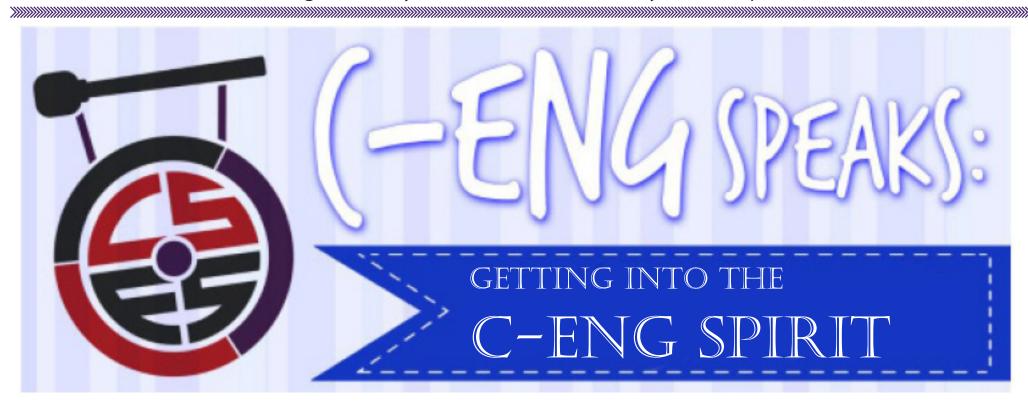
IEEE Stapler: (1 DEsoc/IEEE)

If you're looking for a stapler with a bit more of an interesting design then IEEE is the place for you. This stapler stands out from the rest with its unique look and colour. This is the perfect stapler for all the hipsters trying to seperate from the norm. It also works like a charm.



Continued on Page 14...

Even Larger thank you to those who actually linked a photo



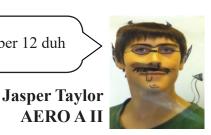
"When is the right time to start singing holiday tunes?"



November 12th!

Alex Miller ARCH D III

november 12 duh



Spencer Carlyle AERO D IV



December.

AFTER. NOVEMBER. 11TH.



Jordan Kleine **CIVE IV**



December 1st





Hannah Carton ENVIRO V



November 25th



Caroline Lenarcic **AERO C IV**



Josh Bertram **BIOMED MECH II**



Literally never

Seth Thompson ELEC IV



After exams are done.

A day after Remembrance day, just to be respectful



Reem Dawoud **CIVIL V**

AFTER HALLOWEEN OF COURSE

mom said it's my turn to submit a C-Eng Speaks



After the first snow fall (aka November 7th) so it's fair game.

Start? When did we stop?

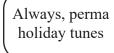
NOT the day after Halloween



Miryam Yakub Aga **ARCH DESIGN III**

> Wait till December and most people will be ok with it.

> > **Adam Dublin AERO C IV**



CIVE IV





When the unsuitable cravings for egg nog kick in

Gabriel Sanna ENG PHYS III

Whenever the exams are done. No happy until we done bois



Any time! Let's make all year Christmas season!

Aaron vandenEnden **AERO D II**

Anytime, as long as you arent obnoxious.

Kahini Dhoat



"There is no right or wrong, there just is or there isn't"

Anytime after halloween, but not on remberence day











Katie Miller BIOMED ELEC V



Albert Fleck CIVIL IV

Nikita Yovchev **BIOMED ELEC I**



You don't have to start if you do it year round



Cole Foster MECH II

In the middle of summer, when everyone will punish you for it.

"What's the best gift to receive?"





Socks.

The gift of company, especially family





An engineering degree



SOCKS!

Hugs

Probably egg nog



At this point, money to pay the bilzzz



Alex wants to change her response, NO SPECIAL TREATMENT FOR YOUUUUUUUU

The best swiggity saggity gist would be a dope ass, super ballin, mech or aero sweater. Too bad anyone who is learnign about this now is too late.



mom saying its your turn to be president



Something you didn't know you really wanted until you opened it.



and fam - no stressy hours with hw and other things to be doing



The company of your

closest friends and family.

Honestly socks. Especially The ones with cute little nerdy things on them.



Good quality time with your friends

Friendship ♥



Time with friends and/ or family. And chocolate

A samoyed, dressed as santa





Fun times (because how excited are you supposed

to look when unwrapping a

thing) but also food

Your love:')

"What did you enjoy most about the first semester of the year?"

BEACH DAY BEST DAY

8



Crying

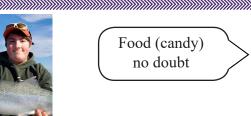




Meeting all the kiddos coming into eng during frosh week

EngFrosh!!





That feeling when you finish exams

I understand the whole time off and time with

family and stuff, but I've always thought the best

thing to recieve was a new LEGO set. Still at 19 years old, there's something timeless and great about putting the pieces together.





A can opener...



Kindness

Something you didn't ask for but they knew you would like







Something homemade. It shows lots of thought

Socks, and/or a lamp



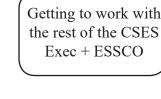
I like reading these responses



The company of my closest friends and family.



ELEC 4506, I love that class!



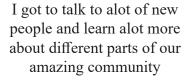
the rest of the CSES Exec + ESSCO



Seeing my friends again



My program! I recently switched my stream and am loving it. If you are thinking about switching your stream don't hesitate to talk to your Academic Advisor, they have great advice!

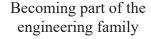




The letter of October was E



Breakfast:)





are a constant amusement and make my day better with their positivity. I love having first years around.



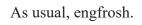


Passing on my knowledge and responsibilities (LOL) - its nice to see another generation of the community growing into themselves as I'm stepping away (I'm graduating), and I get to enjoy the the small things that I'm going to miss about CEng, and really appreciate them while I can (Editor's Note: C-Eng will miss you too)

The whole culearn.ca

thing was pretty great.

The fall colours really outdid themselves this year! We had a couple solid weeks of beautiful weather, and it's always a blessing to be able to spend more time outside.





Meeting so many amazing people and going to all the events!



fall riding season



Actually feeling like I know what's going on. It only took me 4 years.



Writing these out!!



EngFrosh, duh. Shoutout to my farm fam!



EngFrosh and the



Having 2 days off



I liked the egg nog



SOCIETIES

CSCE, The Iron Times appreciates you

CSCE CARLETON CHAPTER UPDATE - DECEMBER

November was a busy month for CSCE. On November 7th we had the amazing opportunity to learn and hear from the architect who designed the Canadian War Museum. Following a lecture on campus, Mark Tholen guided us on a tour through the museum, showing the specific designs and reasoning behind each one. It was an unforgettable experience, and we hope everyone who joined us enjoyed it as much as we did! We continued out lecture series with Capacity Engineering on November 13th and 30th. We hope everyone enjoyed the

tips and tricks to succeed in the industry from a fellow C-Eng graduate! A huge thank you to Maurice Quinn of Capacity Engineering for his words of wisdom! We hosted our fall general meeting on November 20th to give an overview of what CSCE Carleton has completed thus far, as well as plans for the remainder of the year. We'd like to thank everyone for coming out and giving their feedback for us to continue improving. CSCE partnered with other engineering societies to co-host the annual Cookies and Cram. On November 30th from

9am to 4pm, all classrooms in the 3300 block of Mackenzie were booked out for students to study while participating societies provided snacks; de-stressing activities were occurring throughout the day in various rooms.

The Fall office hours will end on Friday December 6th. CSCE would like to thank everyone for an amazing semester and for coming out to all the events. Good luck to everyone writing their fall exams! See you in the new year!



WORKING IN A MUNICIPALITY



Braeden Grant - ENVIRO III -

Over the past Summer, I worked for my town. This experience taught me many lessons that relate to my life inside and outside of school that I will never forget. The most important lesson I have learned, is that work is kind of like school, no matter how confident I am that I have the right answer, I couldn't be more wrong. As odd as it may sound, learning that it can be ok to be wrong provided me with more opportunities to grow than I could have expect-

ed. It's certainly not an environment that rewards one to be wrong, but instead it's one that teaches you why you are wrong and how to correct yourself... with little assistance at times. It made me rely on fact checking and taught me to double and triple check any work I completed, which is something that gave me a new respect for how knowledge is applied to the outside world.

My first day on the job I was greeted with the lovely program AutoCAD. Admittedly, my skills were a bit rusty, but I was given a few days to familiarize myself with the program. I quickly noticed how much more I knew about the program than I originally thought. It became second nature to create a professional profile view of culverts and to produce the calculations for the specifications surrounding it. When learning some new things that I have never had the opportunity to

work with, there were a few learning curves I encountered. The first one was regarding surveying and GIS integration. It certainly didn't help that I didn't know anything about this before starting work. The field work made what seems quite difficult in concept, to something very interesting and rewarding. Whether or not I was right in the beginning, by the end I was able to get consistent correct values and argue reasoning behind these values.

It was really the learning experiences and the people that made the job so enjoyable. Getting a proper mix of professionalism and a push to learn, understand, and keep tasks completed on time with a relaxed nature when casual working on other tasks really made it a job that's opened my eyes to what may come next.



My soul required this



December 15th. Get hungry.



Brotha Kevin Stadnyk

'Twas the night before SOOPPmas, when all through Mackenzie,

Not a student was stirring, not even in IEEE;

The stockings were hung by Leo's with care,

In hopes that SOOPP soon would be there;

The first years were nestled all snug in their res,

While visions of beer danced in their heads;

And mamma in her flightsuit, and I in my vipers,

Had just settled down for a long all-nighter,

When out in the quad there arose such a clatter,

I sprang from the desk to see what was the matter.

Away to the window I flew like a flash, But couldn't open it because Carleton is trash. The moon on the breast of the new-fallen snow

Gave the lustre of mid-day to the yellow thing below,

When, what to my wondering eyes should appear,

But a miniature keg, and eight packs of beer,

There was an old man, followed by a very big troup,

I knew in a moment that it must be

More rapid than ravens, his brothas they came,

And he whistled, and shouted, and called them by name;

"Now, MICHAEL! now, NOAH! now, ADAM and MAGGIE!

On, YANNICK! on NATALIE! on, TRISTAN! and SYDNEY!

To the top of the building! To the top of Mackenzie!

Now dash away! dash away! we will bring so much glee!"

And then, in a twinkling, I heard in the SGRC,

Sophisticated chattering, as if from someone with a degree.

As I drew in my hand, and was turning around,

Down the stairs Brotha Nik came with a

bound.

He was dressed in robes, and he seemed to soar,

His clothes were as black as my memory from FSK 4;

Cases of beer he had flung on his back,

And he looked like an engineer, a true insomniac.

His eyes -- how they twinkled! his dimples, how merry!

His cheeks were like roses, his nose like a cherry!

His droll little mouth was drawn up like a bow,

And the stubble of his chin was as white as the snow;

He was joyful and wise, a right jolly old brotha,

And I laughed when I saw him, he really is like no other;

A wink of his eye and a twist of his head.

Soon gave me to know I had nothing to dread;

He spoke not a word, but went straight to his work,

And filled all the stockings; then turned with a jerk,

And laying his finger aside of his nose,

And giving a nod, up the flights of stairs he rose;

He sprang to his brothas, to his team gave a whistle,

And away they all flew like the down of a thistle.

But I heard him exclaim, ere he drove out of sight,

HAPPY SOOPPMAS TO ALL, AND TO ALL A GOOD-NIGHT!

Follow us on Social Media, at: Facebook: /BrothahoodOfSOOPP Instagram: @ceng.soopp



CARLETON STUDENT ENGINEERING SOCIETY









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DECEMBER 2019 MONDAY THURSDAY **FRIDAY** SATURDAY TUESDAY WEDNESDAY SUNDAY 1 3 6 4 **Hard Hat Order C-Eng Hockey Game 10:30PM** 8 9 10 11 12 13 14 **C-Eng Hockey Fall Exam Period** Game 10PM 15 17 16 18 19 20 21 **Fall Exam Period** 24 22 23 25 26 27 28 **Winter Break** 29 30 31 **Winter Break**



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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President Johan Prent

Hey C-Eng! Now that November is over, it's full steam ahead into exams! Keep an eye out for the semesterly "cookies and cram" study event, or the SOOPP kitchen during exams! Study hard, and make sure to take breaks! Best of luck on exams, and have a good break afterwards before the next semester!

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



VP Finance Grant Sutherland

Howdy

Run, get cheque request, angry face, write cheque, run, credit cards, bank issues, run, Welsh, taxes, leo's order, run, faculty, tables, too many?, run, spicy membership cheque, run, cash box, events, more events, run, money in, money out, RUN, SGF due December 6th, RUN, hide in cave, hide in cave, no one can find me if I hide in the cave. There ain't no rest for the wicked, I can't slow down, no hold back, ain't no rest till I close my eyes for good, December brings more.

TL/DR Money Good



VP Social Logan Macgillivray

After the whirl of a time November was, I have no events for yoU in December:'(. Study hard for exams everyone, and lookout in January for EngFrosh Reunion and more events!



VP Internal Andre Lawrence

It is the most wonderful time of the year, or at least it almost is! The fall semester is coming to a close and winter semester is coming in hot (figuratively). Stay tuned for updates regarding Reflections Award Nominations and Pewter Mugs orders for Winter 2020 graduates will be starting up mid-January. Best of luck on exams and enjoy your winter break!



VP Services
Jasmine Eriksson

Hello C-Eng! Come check out the new patches from winning patch design competition! While you're in, consider ordering the first C-Eng hard hats from nov 25 - dec 6! Coming up in January is the winter term textbook trade along with the winter hoodie orders. Happy studying and see you all in the new year!



VP External
Abby MacGillivray

Happy exam season C-Eng! Thank you to everyone who came out or donated to the Breast Cancer Awareness and/or Movember campaigns! The C-Eng Hockey team is leading the league and are a great team to watch this year. Check the Hockey Team Facebook page for game details! Best of luck on your exams and enjoy your holidays!



VP Academic Cameron Davis

Hey C-Eng! My long hair is gone now :'(. Hopefully, you guys are feeling ready for exams! Make sure that you take care of yourselves. In terms of my portfolio this month you will hopefully be seeing the return of the Exam Library! Enjoy the break!



VP Publications Keely Gibb

What? Where'd the fall semester go? Time is just flying by! I hope you're all getting ready for those exams, it will be winter break before we know it. If you ever need a study break, check out the latest episode of The C-Eng Gong Show on the CSES Youtube channel. Getting bored over the break? Write an article for the January issue of The Iron Times! There is plenty to get excited for in the new year, but for now, I wish you the best of luck with finals! Take breaks and drink plenty of water!

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 a virgo, whatever the heck that means

CSCE BIG BOI Stapler: (1 Road/1 Troitsky Comp)(Pictured Right)

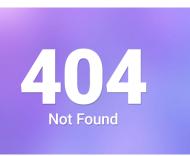
CSCE shows up in style with their branded massive stapler. This guy towers atop the rest of the staplers in the block including the CMAS Terminator. If you can pass through the Civil force field at the front door you are granted access to this stapler. I had to disguise myself with a concrete textbook in order to fool their sensors.





CSCE LIL BOI Stapler: (1 SREE/1 Enviro)(Pictured Left)

Yet again another well branded stapler, just in case you forgot what office you walked into the CSCE Staplers are here to remind you. This one is smaller than the big guy but don't be mistaken this one can still get it done. A very bland stapler in comparison to the big ones but still an appreciated member of the team.



SCESoc Stapler(1 Missing Stapler/Please Find Him)(Pictured Above)

No Stapler in the SCESoc office:'(

Whoreoscopes

Written By: Daniel Haycocks-Tulli



Aries

THIS HOLIDAY SEASON YOU WILL RE-CEIVE THE GIFT OF SUFFERING.



Taurus

THE HOLIDAYS FOR MANY ARE A TIME OF FAMILY GATHERING A JOYOUS OCCASION, BUT YOU THIS YEAR THEY ARE ABOUT EATING AS MUCH FREE PIZZA AS IS PHYSICALLY POSSIBLE. YOU WILL BE BED RIDDEN WITH PIZZA AND YOU WILL LOVE IT.



I have no idea what happens to you this holiday period.



YOU ARE GONNA MAKE NEW YEAR'S RESOLUTIONS AND STICK TO THEM FOR ONCE. THE CATCH IS THAT THEY WILL ALL BE CURSED NEW YEAR'S RESOLUTIONS.



Leo

THIS YEAR AROUND YOU WILL BE EXCEPTIONALLY WELL HYDRATED SO DRINK UP AND STAY MOIST.



Virgo

YOU ARE GONNA GET MEGA JACKED BUT UNFORTUNATELY IT WILL BE A CONSE-QUENCE OF MANY DRIVEWAYS SHOVELED IN GOOD FAITH TO FAMILY AND FRIENDS.



Libra

Lots of oranges, mostly in the form of terry's chocolate orange but still. ORANGE.



Scorpio

YOU WILL BE VISITED BY THE GRINCH BECAUSE YOU ARE DESTINED TO BECOME ITS SUCCESSOR.



Sagittarius

CELINE DION WILL HUNT YOU DOWN TO DELIVER YOU A HOLIDAY GIFT OF POWER-FUL SINGING.



Capricorn

YOU WILL BUILD A GINGERBREAD PYR-AMID OF GIZA AND THE CAPSTONE WILL BE MADE OF BLUE JOLLY RANCHER. IT'S GONNA BE LIT.



Aquarius

YOU WILL SUFFER GREATLY THROUGH A FAMILY GATHERING FOR A SLICE OF PIE.

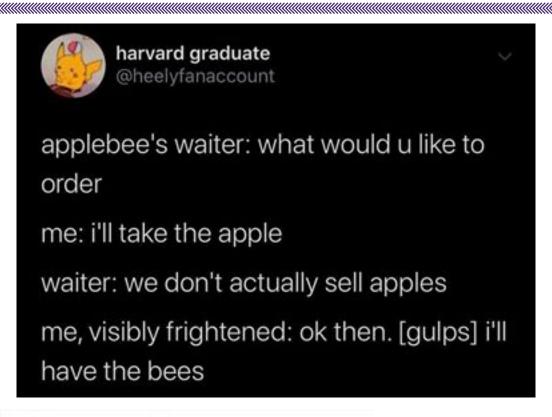


Pisces

YOU WILL PASS ALL OF YOU EXAMS AND AN ADDITION EXAM FOR A COURSE YOU DIDN'T EVEN KNOW YOU TOOK. GREAT THINGS ARE BOUND TO HAPPEN WHEN THE HOLIDAYS ROLL AROUND.

DISTRACTIONS

Please send me memes to put here







Caleb Hull 🧔

No one:

College Student:



My mom still hasn't noticed...





XMAS



Watching my dad put batteries in my gameboy after I put them in backwards 6 times





LAST CALL

Hyped for the Holidays!

THE IRON MAN Jeremy "Milk Daddy" Dowdell

- MECH IV -



Hailing from:

Multiple places in the GTA

Best Feature:

My lactose tolerance

Worst Nightmare:

Spoiled Milk

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

All I want for Christmas

What is your deepest darkest secret?

I never saw Frozen

What is the best muffin at Leo's?

Banana Chocolate Chunk

C-Eng Involvement:

Leo's General Manager

Carleton GNCTR Volunteer

C-Eng Musical



- CIVIL IV -



Hailing from:

Richmond Hill

Best Feature:

My crowbar and happy go lucky attitude

Worst Nightmare:

Waterloo stealing the crowbar and hitting the gong with it

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

What is your deepest darkest secret? N/A

What is the best muffin at Leo's?

The spicy sammich

C-Eng Involvement:

Leo's Sammich Manager Leo's GM



USES for the CHARLATAN

- >A waste of paper
- >This may be the craziest idea ever had in existence, but if you truely and deeply think about it, then maybe, just maybe, it might be possible to actually... destroy the matter from whence the Charlatan came, so that it may never ever exist again.
- >Fuel for the fiery pits of Mordor
- >Use as blankets for naps in Leo's (There's some right outside)
- >Something to write my work term report on.
- >Basic geometry lessons
- > A children's book, because let's face it, the content is not made for adults.
- >Anything but reading it, for the love of God don't read it.

Editor-in-Chief Andy Curtis

VP Publications

Keely Gibb

Special Thanks To:

Keely for giving things a final look over before going to publish!

- Footnotes -

Issue Made Possible By:

- 1 Google search for literally everything about InDesign
- 2 Caroline Lenarcic
- **3** The Carleton Co-op Program

Knock Knock:

What did you think there would be some kind of joke here?

