

PG. 2

National Day of Remembrance and Action on Violence Against Women

December 6

PG. 5

EVEN MORE *engineering streams* as

LIMERICKS

PG. 10

Canadian Society for Civil Engineering

UPDATE

THE CARLETON STUDENT ENGINEERING NEWSPAPER

THE IRON TIMES

THE IRON SEASONS GREETINGS

MYCSES.CA/PUBLICATIONS/IRONTIMES

DECEMBER 2018



Wherever Christmas is celebrated, tales of a being known only as Santa Claus have followed. The tale of a reclusive inventor and fugitive using slave labour to manufacture his latest joy-givers is universally applicable to all cultures, especially those from Europe. However, no conclusive evidence has ever been given to prove that jolly old Saint Nick does or does not exist. In this essay, the veracity of these Christmas tales will be examined, and an attempt will be made to create a unified Santa Claus mythos by combining all the disparate aspects of his character.

Myths and legends tend to be based in real occurrences. For instance, one Polynesian myth has the goddesses Pele and Poliahu get into a fight over who won a sled race, which caused some volcanic activity and covered the peak of a mountain with snow. Since historians can tell that these things occurred, clearly, this myth is true. Going by this foolproof logic, what evidence exists of Santa Claus?

Santa Claus is often called "Saint Nick." To understand whether this matters, we must find out who

Saint Nick was. Using the investigative method known as Google and Wikipedia, I discovered that Saint Nicholas was basically Batman. His parents died when he was young, leaving him with an enormous fortune. Instead of using it to fight crime, he gave it to the poor, which isn't very Batman of him, but the way he gave it to them was VERY Batman of him. His most prominent story was when he heard three girls discussing how they would have to become prostitutes to get their family money so they didn't straight-up die. Nick decided that to stop them from committing this crime, he would throw bags of money through their window and leave without saying a word. It is this image of Saint Nick breaking and entering with a mysterious sack that gave rise to the image of Santa Claus.

That's right, folks; technically, that aunt who only gave you money for Christmas was being the most faithful to the original legend.

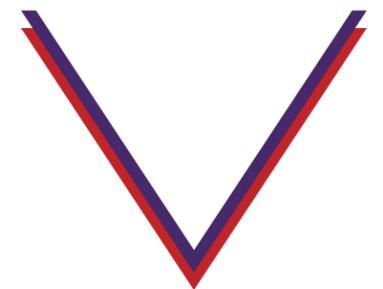
Unfortunately, Saint Nicholas lived in Turkey, which is generally considered a fairly warm place. So where did the North Pole come

from, and what's with the elven slaves? And why do we get toys instead of money now? These are all very good questions that I am glad you asked.

In conclusion, it is difficult to tell if Santa Claus exists. On the one hand, the perpetuation of his myth and the confidence that he's not real allow parents to set up a practical joke years in advance, and watch the hope and joy drain from their children's bodies and souls when the rug is pulled out from under them. This serves double duty by preparing them for engineering, which actually makes it good parenting. However, since Santa Claus is said to know when you are sleeping and know when you are awake, he could easily avoid detection by authorities. To prove his existence, I have set up a foolproof method of determining his existence, which all of you can try. Put "a good GPA" on your Christmas list this year, and be good for goodness' sake. If you get it, Santa Claus must exist. Quid pro quo, motherfucker.

-- Written by The Frankly Banal Society for Historical Realism

READ ON, I DARE YOU



KEEPING BUSY IN OTTAWA OVER THE HOLIDAYS

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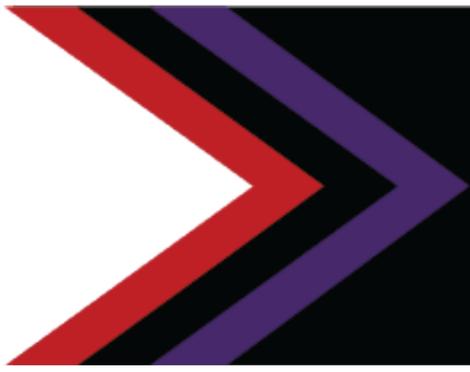
AND MUCH MORE!



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

MERRY CHRYSLER

very merry

From the Desk of the Editor



Caroline Lenarcic
- AERO C III -



The holiday season is nearly here! For some, this is an exciting and joyful time, but just as many people find themselves profoundly over it. Societal expectations around the holiday season tend to detract from the more enjoyable aspects of this time of year.

For example, the commercial aspect of Christmas certainly leaves a bad taste in my mouth. Christmas decorations pop up in stores earlier and earlier each year like weeds that have grown impervious to their pesticide. The hype goes on for so long that most of us are exhausted by the time December arrives. Personally I was gobsmacked when I walked into Michael's at the beginning of August to find the first four aisles of the store filled with Halloween decorations, followed by a full aisle of Christmas fare. The constant barrage of advertisements is even worse. Few things are more annoying than hearing the same cheesy jingle over and over urging you to buy, buy, buy your Christmas presents (or maybe I

just have it bad because I still watch cable TV like the 65 year old soul I am). The holiday season is supposed to be about giving and connecting with loved ones and all that jazz, but cultural hype around the holiday season tends to make it more stressful than it needs to be.

Even though I generally enjoy the holidays, I can't deny that sometimes having a very Merry Christmas seems like a challenge and -- even worse -- an obligation. So this year, instead of worrying about how the media says we must celebrate, let's make the holiday season authentic to us. It's time to think less about expectations and more about sincerity.

I'd like to offer some advice to help keep the holidays relaxing, subdue the beast that is the Commerical Christmas, and have a good time, for real.

Tip #1: Make your own cards

My gosh, store-bought cards are my biggest pet peeve. Do you own paper? Yes? Can you write a sen-

tence or two on that paper? Also yes? Then why would you pay a premium to have someone print a sentence on paper for you? What a scam. Making cards is super easy and doesn't require a whole load of artistic talent. Most of the cards I make involve cutting out various coloured shapes and gluing them to a piece of cardstock. Minimalism is your friend.

"But Caroline, this is irrelevant advice, I wasn't going to give anyone a card anyways," you say. Well you should! You may be seeing your friends and family in person, but it's always nice to articulate your greetings on paper once a year. The written word, amirite? Gotta love it.

Tip #2: Get over the gifts

Giving gifts is hard! A good gift doesn't have to be big or expensive or even a surprise. If you don't know what to get someone, just ask them what they want. It's much more valuable to get your loved ones something they will actually like as

opposed to something that will be super impressive in the moment of unwrapping. If you're still stressing about gift giving, consider: don't. Experiences are more valuable than possessions anyway. For example, instead of buying a present for your mom, take her out for an afternoon instead. Plan an activity with your group of friends instead of doing a gift exchange. I'm sure it will be more fun.

Tip #3: Screw expectations

Hey, you could very well have a bad Christmas. Things may not go as planned, you may have some drama at a family dinner, who knows? Don't feel like you're obligated to be happy all the time just because it's the so-called Most Wonderful Time of the Year. Nobody needs that kind of pressure. In the end, December is just another month. It doesn't have to be perfect.

So this month, chill out and smell the roses -- or rather, watch the little twinkling lights. Happy holidays!

In the stairwell between the second and third blocks of MacKenzie building, there is a glass display case mounted on the wall. Inside is a poster bearing the names of fourteen women: Geneviève Bergeron, Hélène Colgan, Nathalie Croteau, Barbara Daigneault, Anne-Marie Edward, Maud Haviernick, Maryse Laganière, Maryse Leclair, Anne-Marie Lemay, Sonia Pelletier, Michèle Richard, Annie St-Arneault, Annie Turcotte, and Barbara Klucznik-Widajewicz. On December 6, 1989,

these fourteen women -- one nursing student, one administrator, and twelve engineering students -- were murdered in the École Polytechnique massacre, the deadliest mass shooting in Canadian history. It is a story that hits terrifyingly close; these women were specifically targeted because they were studying engineering... because they were perceived feminists.

Every year on December 6th, the Government of Canada recognizes the National Day of Remembrance and Action on

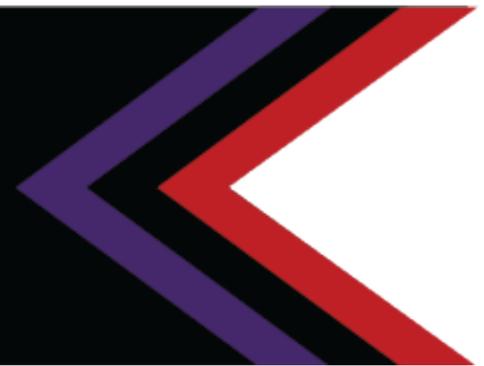
Violence Against Women. It is a way to remember and honour victims of gender-based violence while taking meaningful action to eliminate misogyny, sexism, and hate.

I feel fortunate to live in a time and place where I can pursue a career that I love. However, violence and discrimination remain daily realities for women and girls everywhere and can take many forms. When it comes to creating meaningful change, we all share the responsibility.

Wear a white ribbon on December 6th to show your support.



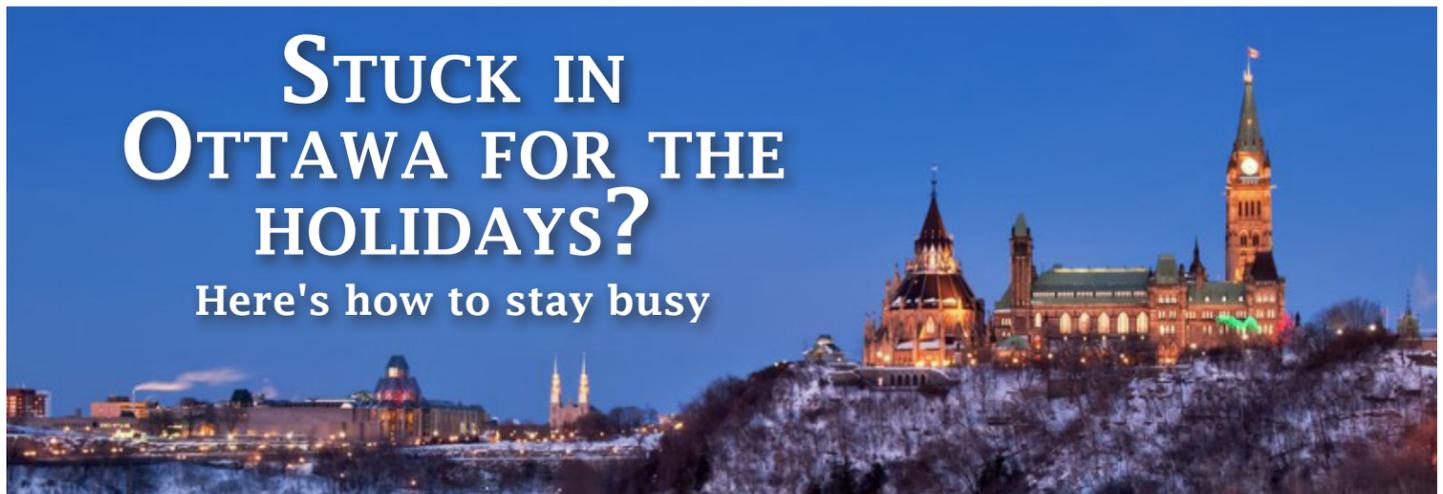
EDITORIALS



WHAT IS THIS, NARCITY?



Elizabeth Wilson
- SOFT II -



STUCK IN OTTAWA FOR THE HOLIDAYS?

Here's how to stay busy

Happy Holidays C-Eng! Whether you're celebrating Christmas, Festivus, Hanukkah, Kwanzaa, New Year's Eve, Winter Solstice, anything else, or nothing at all, it's good to have some time off after exams just to relax and enjoy yourself. I, for one, love the holiday season. The colourful lights, the snow, the holiday baking... but I also understand that this isn't the easiest time for all of us, especially as university students. Between the stress of exams, the darkening days, and the capitalist hell that is gift shopping, I understand that it can be a tough month. The antithesis to all of this seems to be promoting that this is a time meant for ~FaMiLy~, which is all fine and dandy; but for those of us without, or who can't make it home this break, or those of you who just really don't want to deal with your drunk aunt, racist uncle, and loving grandma who just cannot help but ask when you'll be getting a ring (iron or diamond), it can start to feel a little lonely. So, for all of the

loners stuck in Ottawa this coming break, this one's for you!

The first thing I want to say is definitely catch up on some sleep post-exam; you've probably pulled too many all-nighters and consumed at least half of your body weight in caffeine alone, so take this time to rest up, and treat yourself to some self-care (check out the November issue for some sweet tips on that!). Get yourself a fancy Starbucks drink, or make one at home. Take a bubble bath, watch some crappy holiday movies on Netflix, that sort of thing. Let yourself relax, but don't fall into a rut. It's easy to spend the entire two weeks in the dark, but it's not healthy, especially when you just did the same thing during finals.

So how do you keep yourself out of that rut? Socialize. I know, I know, but trust me. See if any of your friends will be in town at any point, or set up some video calls. Go outside, maybe volunteer; not

only will it make you feel good and look great on a resume, it'll help keep you from getting bored and you could even meet some fun people. See if there are any cultural events or religious services you could attend with people who share some of your traditions. Just being around people can help.

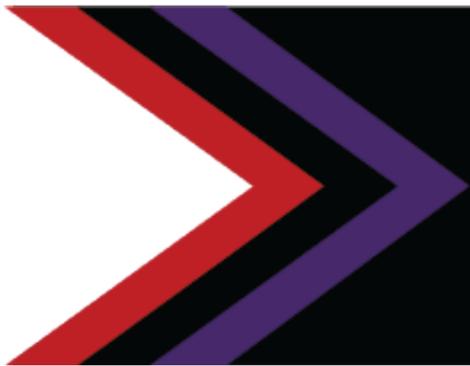
It also helps to go out during the day. The sunlight will genuinely help, especially as it's in short supply as the sun sets earlier and earlier. Go to a dog park, explore a new part of Ottawa, visit a museum, go for a skate on the canal if it's open, or just walk along the trails. Even at night, there are things to do. Look at lighting displays, try a complicated new recipe, decorate your room, do that thing you've been meaning to do forever. Check out Facebook for some events near you. Plan out your schedule for next semester. Get a headstart on your New Year's Resolution. You have time to yourself, use it how you want.

Of course, there are going to

be times where you find yourself feeling like you're missing out, and that's okay. It's okay to have emotions, take your time to work through them, but also try not to let yourself spiral. When you're feeling too down to go out, that's precisely the time you probably should. It'll suck at first, but it'll be much better for you in the long run. If you're finding these feelings are getting overwhelming, please reach out to someone. There are many professional services available all throughout the holiday season, and they're here to listen. You are valuable.

Take care of yourself this holiday season, C-Eng, and look out for others too. Check in on your friends. You never know who might be struggling. You can make it through these few weeks. Again, I wish you a happy Christmas/Festivus/Hanukkah/Kwanzaa/New Year's Eve/Winter Solstice/Post Exam Break/Anything-Else-You-Celebrate, and good luck with exams!

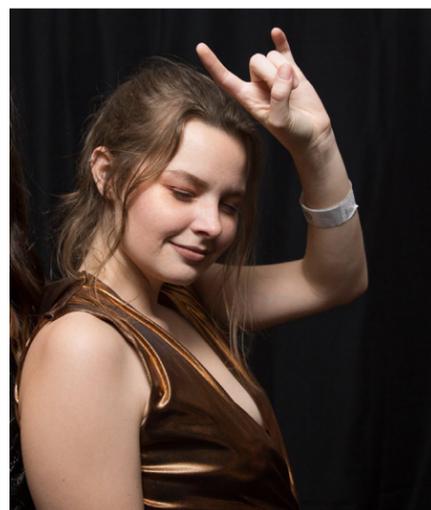
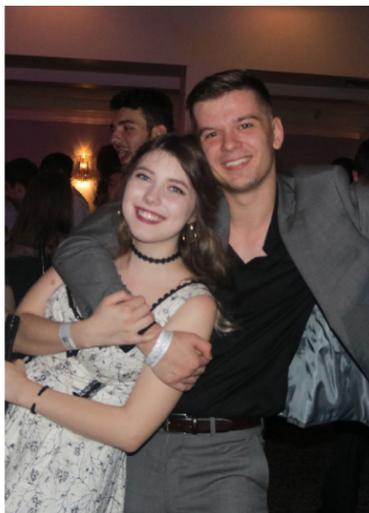




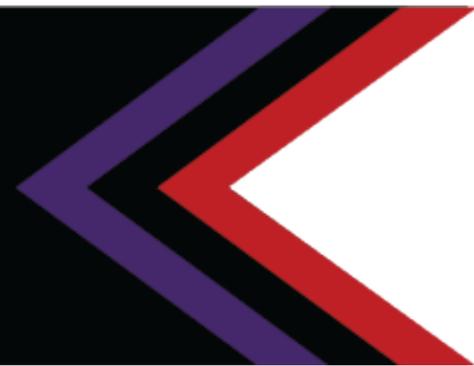
GALLERY

HEY PARTY PEOPLE

~ Whirlwind ~



GALLERY



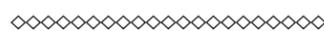
'SUP NERDS

~ Fall Semester Charity Lan ~



Dayna Goldfarb & Rafe Osborne
- Child Studies IV - - COMP SYS IV -

EVEN MORE *engineering streams* as **LIMERICKS**



No stream is safe!

CIVIL

There once was a stream called civ
They've lost their will to live
They build bridges and complain
While their grades go down the drain
They've run out of hecks to give

COMPUTER SYSTEMS

There once was a stream called comp sysc
Their lack of office makes them pissed
They do lots of coding
But their skills are still loading
Being in it is a big risk

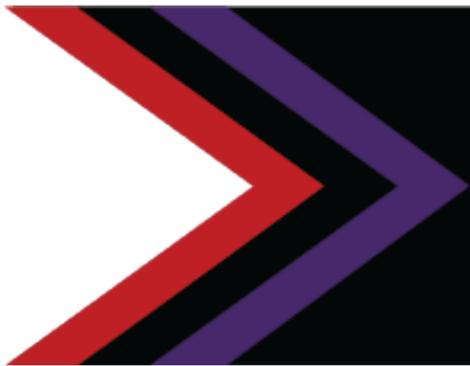
COMMUNICATIONS

There once was a stream called comms
With their stream they have many qualms
They're pretty rare
But they exist, I swear
And they yearn for spaghetti from mom's

ELECTRICAL

There once was a stream called elec
The classes they take are a wreck
They build circuits and cry
As they try to squeak by
Nervously their grades they check

DOES THIS MEAN ENVIRO IS NEXT?



COLUMNS

WE'VE GOT SPIRIT, YES WE DO!



“What is your favourite aspect of the holiday season?”

The free time to work on hobbies and sleep.



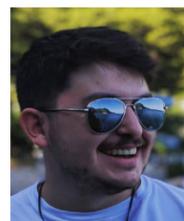
Konstantin Fedotov
ELEC III

The ice skating.



Sean Friesen
AERO B II

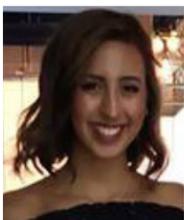
Christmas music.



Erdem Yanikomeroglu
COMP SYS II

The 12-15 types of cookies my mom bakes.

The spirit, decorations, celebrations and good food!!



Reem Dawoud
CIVE IV

Sleeping.



Seth Thompson
ELEC III



Adam Dublin
AERO C III

Charit- gingerbread flavored 'celebration' cookie/biscuits ;___; so good

Ugly sweaters are socially acceptable.



Aaryan Shameem
AERO D III

Connor Logie
AERO B IV



There's generally a lot more emotion in day to day life. Lots of friendly smiles and laughter through the halls and streets. Even on the other side of the spectrum, too. It's a chance for people to really let go and have a good cry that they've been holding in.



Liam T.
SREE B II

Getting to see my relatives.

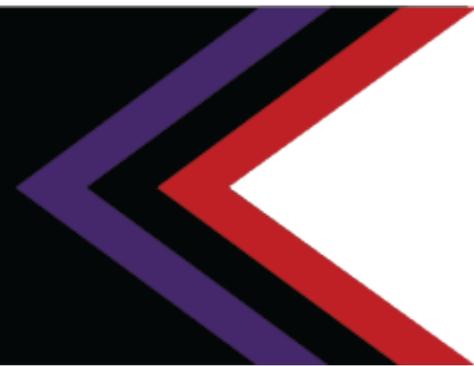


Daniel Haycocks-Tulli
ELEC III

The vibe is just so good and chill on a cold winter's day. Also BIG SNOW ENERGY.



COLUMNS



BIG BREAK ENERGY

The B R E A K.



Daniel Shifman
ELEC III

Yelling at people for having their Christmas decorations up 299 days early on New Year's Eve.

I love visiting with family and friends, it's just a real wholesome time all around.

Snow is (probably - rip east coast skiing) here!!!



Kareem El Assad
ELEC I

Katie Miller
BMED ELEC IV



Alex Stevens
CIVE III



Forgetting that exam marks are posted while I'm in the middle of having a good time.

The LIGHTS!!!

All the weird Secret Santa gifts.

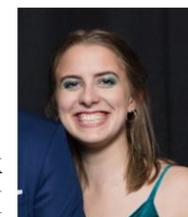


Isaac Csekey
AERO A III



Vanessa Lewis
SREE B I

Hilary Romaniuk
ARCH III



Seasonal drinks at Starbucks!

The numerous snowy owl pics that get posted online

All the fun events and spontaneous things that happen when you least expect~



Dilsha Appu-Hennadi
AERO I



Rafe Osborne
COMP SYS IV



Gabe Karam
CIVE III

“What's the first thing you plan to do after your last exam?”

My last exam is Elec 2, so likely crying.

Curl up into a blanket and live my life as a sushi.



Bruh first thing I'm doing is getting hammered to forget all my sorrows.



Catch up on some zzz's.



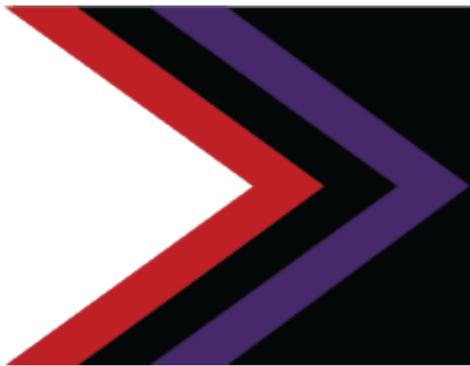
Record a music video. Album comes out January 31st.

Hop on a bus with a bunch of sweaty people and gun it for the rear window seat. If you're reading this and take that seat, understand the power of after-exam angst and its effect on the mind. Don't take that seat. Ever.

Travel very very far and never check the results.

Watch some ski movies.





COLUMNS

I LOVE TRAINS

Watch a Christmas movie and then go Christmas shopping lol.



Cry, it's been a tough term.



Anonymous
CIVE IV

Catch my flight to Toronto.



Hop on the train home.



Justin Josef Ferrer
AERO II

Go flying at Ottawa flying club hit me up if you want to fly on Dec 1st 12:00-14:00 778 2554310

Celebrate the semester being over with friends.

Stress until my marks are released, then stress some more until I build up the nerve to look at them.



Play even more Red Dead Redemption 2.

Yeet myself on a train so I can go home.



Sleep.



Chill with friends for the duration that we don't have time for during the semester.

I dont have exams this semester :^)

Take a nap. Then celebrate!



Dayna Goldfarb
Child Studies IV

C.R.Y.

I don't have any! #arts

“Complete the lyric: 'All I want for Christmas is...!'”



An alternate universe where bees are the dominant species. Where all communication between bee-people is conveyed through interpretive dance. Where the common greeting is no longer "Hello" but instead, a hearty "WOOP." A world where there are more flowers than factories. More hives than houses. More honey than money. Where a sunset is described through colours of only black and yellow. Where the alphabet begins with the only letter that matters: "B." Where we all work collectively for one common goal. For one common Queen. One hive. One mind.

Umm.. you?



COLUMNS



I DON'T THINK I CAN WRAP THAT

Deep powdery snow!!



...a decent CGPA.

To pass Elec 2.



GOOD MARKS.



For people to stop playing Xmess music before December 1 .



Denise Mayo
COMP SYS III

A Coconut Gun to fire in spurts.



My grades to be released before the break is over.

People to stop assuming I'm Christian and wishing me a merry Christmas.



A white Christmas.



You!



You, but it gets 1% faster every time somebody somebody drops Elec 2.



FOOOOODDD.

A larger cardboard box to sleep in.



Stable mental health.



A human sized chocolate bar.

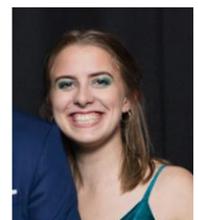


Sleep.

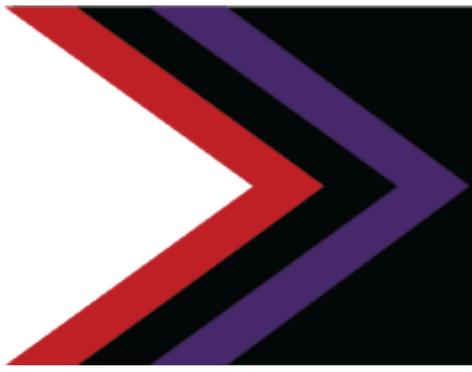
For you to not take my favorite bus seat. Ever.



Super Smash Bros. Ultimate.... jk I pre-ordered it in June.



Time to catch up on sleep, and time for hobbies that I used to have time for like painting!



CLUBS AND

DID SOMEONE SAY COOKIES?!

CSCE CARLETON CHAPTER UPDATE - DECEMBER

CSCE hopes everyone enjoyed their November as much as we did! On November 8th, CSCE hosted a movie night as a fundraiser for Movember and Breast Cancer Awareness. We had a blast with everyone watching and singing along to Mamma Mia, all while supporting two very important organizations. CSCE worked with SOOPP members to organize a peer-guided Revit workshop that took place on November 14th. This was the first of several skill-based workshops facilitated by

SOOPP members. On November 26th, CSCE hosted their first ever Fall General Meeting. This meeting showed students an overview of what the society has done so far this year, as well as our plans for the remainder of the year. It also gave members an opportunity to discuss their ideas and give any feedback they had.

CSCE partnered with other engineering societies to co-host the annual Cookies and Cram. On December 8th from 9am to 4pm, all

the classrooms in the 3300 block of Mackenzie will be booked out for students to study, with the participating societies providing study snacks. The fall office hours will end on Friday December 7th. CSCE would like to thank everyone for coming out to the events that took place in November and we are excited to see everyone at Cookies and Cram.

Good luck to everyone writing their fall exams. See you in the new year!



CSCE TAKES FREDERICTON HIGHLIGHTS FROM THE 2018 CSCE CONFERENCE



Brianna Cobbe – VP Pubs
Amanda Corner – President
Madi Birch – VP Finance

This past June, we had the opportunity to represent CSCE Carleton Chapter at the annual Canadian Society for Civil Engineering Conference held in Fredericton, New Brunswick. The theme for this year's conference was Building Tomorrow's Society. The week was spent attending presentations and workshops expanding our technical knowledge, socializing with fellow engineering students and professionals, and enjoying the beautiful capital of New Brunswick.

The conference began with a reception held at the Crown Plaza Hotel, where students and pro-

fessionals were encouraged to mingle. Following the reception was the first night of the young professionals' events, where we were able to meet fellow engineering students and recent graduates from universities across Canada. The next morning was the beginning of the technical program, with more than 100 researchers giving presentations. Sessions ranged from Concrete Reinforcement Technology to Future Effects on Water Resources to Engineering Management, to Data Simulation and Modeling: From application to influencing travel. With the presentations varying in topics, we were each able to attend a session that we had interest in. Each session had approximately five speakers/papers being presented in them.

There are a couple of sessions that I found quite interesting. The first one was the Planning the Keswick Substation Transformer Move portion of the Engineering Management session. I specifically found this case interesting because it looked at all the different requirements that it would take to move a 255-ton transformer. The pro-

ject was multi-phased. The first phase looked at potential transportation methods (train, boat, or truck) and – once they decided on using a truck – the potential route. Things they had to account for in choosing the route were whether local bridges would be able to support the weight of the transformer and the effect of the slow-moving truck on local traffic. The second phase of the project was to enact a Traffic Management Plan which would cover traffic control, protect infrastructure, and develop an emergency vehicle plan. I found this presentation quite interesting because it opened my eyes to all the things that must be considered when moving something so significant.

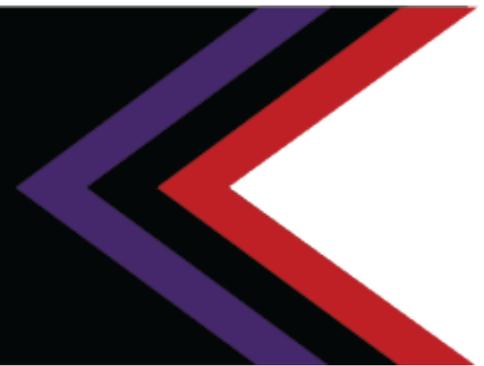
The second session I found quite interesting was Protective Design. The main thing that I got from it came from the presentation about Computer Software for the Design of Blast Resistant Window Retention Anchors. I learned that you can design a window to withstand a blast, but anchoring it to the wall is not understood well. This stuck with me because it reminds me that

sometimes you need to focus on the smaller details. The objective of keeping the window intact will succeed but the objective in keeping the window in place will fail because smaller details were not considered, like the bolts.

Another wonderful opportunity that we got to experience was the Student Leadership Workshop. This workshop was held for all the executives from different Universities across Canada, to meet and discuss. We talked about some strengths and weaknesses of our societies, some challenges that we face as a group, and ways that we have overcome these obstacles. We were able to get fun new event ideas from other universities that we are eager to bring to Carleton.

Overall, the annual CSCE Conference provided us with lots to think about. It was a great opportunity to meet fellow engineering students and professionals that are passionate about building a better society tomorrow. Who knows what the future holds and what the 2019 conference in Montreal will be like.

SOCIETIES



CELEBRATION TIME!

C-Eng-Sea



HIGHLIGHTS FROM THE 2018 CARLETON ENGINEERING COMPETITION

We're doneeeee!

Congratulations and thank you to all our competitors, volunteers, and organizing committee for the time and work they put into the competition!

Here is the roster of the winners that will be representing C-Eng at the 2019 Ontario Engineering Competition!

- Hung Ly, Sr. Chair



Re-Engineering

Colin Mckay
Jeremy Ringuette

Junior Design

Aaron VandenEnden
Cole Foster
Jasper Taylor
Nicholas Butler

Senior Design

Trevor Middleton
Henri Cheung
Liam Gritters
Abel Hagos

Programming

Rafi Khan
Michael Aziz
Richard Vicente
Honor Lopes

Debates

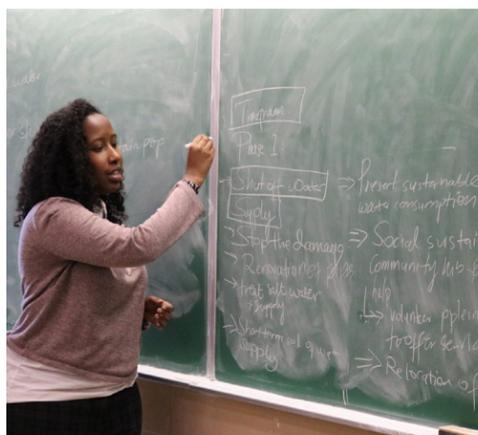
Seneli Seneviratne
Dilsha Appu-Hennadi

Consulting

Nika Amralah
Ragini Bakshi
James Caleb Alexander
Hodhan Osman

Communications

Bay Ross
Nicholas Cantarutti





CARLETON STUDENT ENGINEERING SOCIETY

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DECEMBER

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
					1	2
3	4	5	6	7 Last Day of Classes (Follows a Monday schedule)	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
Christmas Eve 24 New Year's Eve 31	25 Christmas Day!	26 Boxing Day	27	28	29	30

See you in the new year!



CARLETON STUDENT ENGINEERING SOCIETY

3390 MACKENZIE BUILDING

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  myCSES.ca

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
Tristan Durie

Hello Friends! Hope you have had a good fall semester! Exams are just around the corner. Study hard and a knock it out of the park! Don't forget to take care of yourselves though. Sleeping. Eating. Drinking Water. Exercising or just destressing! Sometimes a small break can go a long way. To the first years: good luck on your first set of exams; they will be tough but don't get discouraged. To the people in their last semesters: you can do it you're almost there!! And to all those in between I wish you the best! Have a happy holidays!



VP Finance
Cylina El-Bouchi

Hi C-Eng, I hope your semester has been going well. If not, just remember, put your heart, mind and soul into the smallest of acts. That is the secret to success! I just wanted to remind all student groups who were allocated Student Group Funding (SGF) that the deadline to submit all cheque requests will be Fri, Nov 30th by 5:30 PM to the CSES Office (ME 3390). There will be no exceptions to this deadline. Cheques will be available for pickup during the last week of classes. Happy exam studying!



VP Social
Kaylin Paquette

Hi Everyone! Thanks to everyone who came out to all our events this semester. I hope you all had a wonderful time. I've been busy planning for next semester events. If you didn't get a chance to come to any of our other events, I hope to see you at them next semester. Happy studying and have a good holiday :)



VP Internal
Owen MacIntosh

Hey Everybody! Hope you all have studied hard for your final exams! Looking forward to January, we will be having our Frost Week conference and Winter General Meeting! Good luck on writing your finals!



VP Services
Logan McFadden

Hey all! I hope you are all surviving exam season! We ran a very successful Garage Sale partnered with the Faculty of Engineering appreciation event. I hope you enjoyed all of the free coffee and hot chocolate and discounted merch! It was hugely successful with a lot of money raised for Upstream (a local charity that helps clients suffering from severe mental illness to get back on their feet). Coming up in January we will have another round of sweater orders, so keep your eyes peeled for the new colours! We will also be re-opening the textbook trade so make sure to come check it out!



VP External
Bay Ross

Hello C-Eng!! I hope studying for exams is going well. Movember has been wrapped up and I appreciate everyone who donated and participated in the events. Look out for conference applications for FYIC and CSE at the beginning of the winter semester. I hope you all have a great break and happy holidays!



VP Academic
Ahmed Abdalla

Hello everyone! I hope you all had a great midterm season! The month was busy with C-ENG-C and workshops! All the C-Eng-C 2018 events have concluded! Congratulations to all the winners! They will be representing Carleton at the Ontario Engineering Competition! The Revit and Resume workshops were very successful! Special thanks goes out to SOOPP for helping us organize these events! There will be a lot in store for the winter semester so I hope to see you all after exams! Best of luck and have a happy holidays!



VP Publications
Elizabeth Wilson

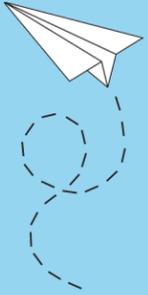
Hello friends! We have the Iron Times finally! There were some internal issues at the publisher but those seem to have all been sorted now so we're back on schedule for future issues. In other exciting news, we have received a refund of \$864 for this year's passports, and I am working on getting a partial refund on the 2017 passports as well. Have a great holiday, C-Eng, and good luck with your finals!

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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

FOR ALL YOU MUSICAL BOIS



**C-ENG
SIDETRACKS**
Distractions by you!

This month's theme:
*Holiday Cheer for
Engineers*

This month we asked C-Eng to parody their favourite Christmas carols and holiday songs. Below are some of our favourites!



Gabe Karam
CIVE III

Jingle bells, Minto smells,
Benzene spilled again
My data's wrong, this lab's too long,
I want to go home today, hey!

Jingle bells, what the hell,
There goes half my day
I only meant to stop by Leo's
But stayed there anyways

Dashing through the snow,
Trying not to miss my bus
As it drives away,
I turn around and cuss.
Checking google maps,
I try to find a way,
But the bus I really need
Doesn't come again today!

Jingle bells, this is swell,
Exams are nearly here
'Tis the season, you don't need a reason
I need a hug, my dear

Jingle bells, I nearly fell,
Walking out the door
Maybe I'll just stay home today
And watch Netflix some more :)

Daniel Shifman
ELEC III



To the tune of "Jingle Bells"

Engineers, engineers
Drink a lot of beers.
Oh what fun it is to drink,
then vomit in the sink.

Erdem Yanikomeroglu
COMP SYS II



To the tune of "All I want for Christmas is my two front teeth"

All I want for Christmas is a good CGPA
Mostly B's but at least a few A's
Gee if I could only get a good CGPA
Then I could get myself in co-op!

HOLLY JOLLY HOROSCOPES



ARIES

SLEIGH BELLS RING, ARE YOU LISTENING... WAIT, YOU DON'T HEAR THEM? IS THAT JUST ME? WHERE IS THIS GOD-DAMN RINGING COMING FROM?!



TAURUS

BABY IT'S COLD OUTSIDE! MAYBE YOU SHOULD JUST HIDE OUT IN YOUR ROOM FOR A DAY... OR SEVERAL. THE WIND-CHILL IS NOT YOUR FRIEND.



GEMINI

CAN'T THINK OF THE PERFECT GIFTS TO GET YOUR FRIENDS? DON'T WORRY ABOUT IT, YOUR PRESENCE IS GIFT ENOUGH. AND EVERYONE KNOWS IT.



CANCER

DIE HARD IS THE BEST CHRISTMAS MOVIE. DON'T WASTE YOUR TIME WATCHING ANYTHING ELSE.



LEO

JINGLE BELLS, MINTO SMELLS. WHAT THE HELL DIED IN BELL THEATRE, AND WILL THE STENCH EVER TRULY FADE? GUESS WE'LL FIND OUT NEXT YEAR.



VIRGO

YOU'RE NEVER TOO OLD TO TAKE PICTURES WITH SANTA! HOWEVER YOU MAY BE TOO OLD FOR IT TO BE SOCIALLY ACCEPTABLE.



LIBRA

MOVEMBER IS OVER. YOU CAN SHAVE YOUR MUSTACHE. YOU MUST SHAVE YOUR MUSTACHE. THIS IS AN INTERVENTION.



SCORPIO

'TIS THE SEASON FOR GIVING GIFTS. 'TIS NOT THE SEASON FOR GIVING A FUCK ABOUT THOSE EXAMS YOU JUST WROTE. TIME TO ENJOY THE BREAK!



SAGITTARIUS

YOU'RE LOOKING FOR LOVE UNDER THE MISTLETOE. TOO BAD THE STARS ARE SAYING MISTLE-NO :(



CAPRICORN

TIME TO STOCK UP ON VITAMIN C TABLETS. YOUR ASS AIN'T GOT TIME TO GET SICK. YOU HAVE TOO MANY EXAMS TO WRITE.



AQUARIUS

WELL-PAYING JOB? NOPE. GOOD GRADES? NOPE. GIRLFRIEND? NOPE. CHRISTMAS DINNER WITH YOUR EXTENDED FAMILY IS GONNA BE SO FUN.



PISCES

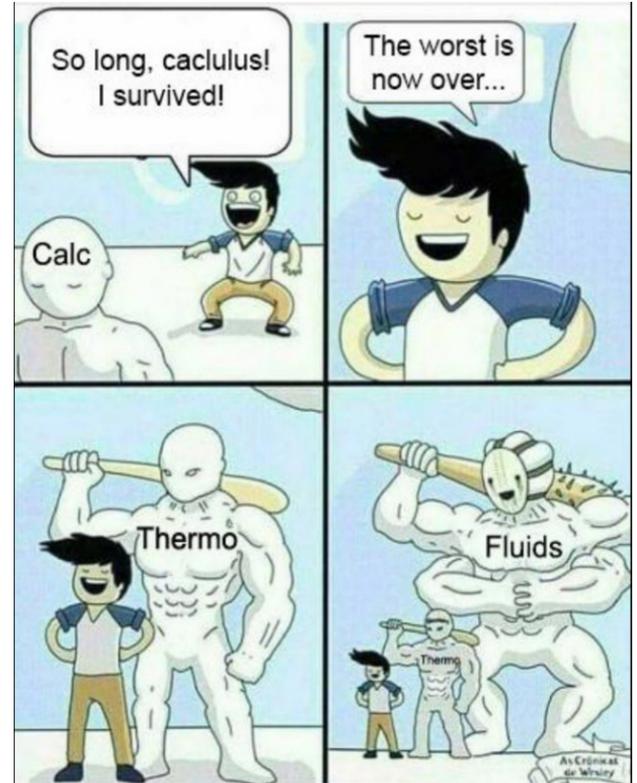
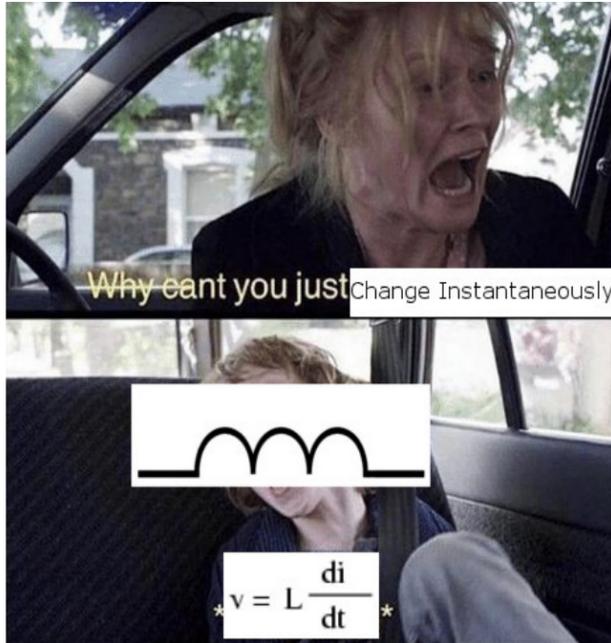
FRIENDS DON'T LET FRIENDS FORGET TO SUBMIT THEIR WORKSMART CAMPUS. DEADLINES ARE NOT OPTIONAL!

DISTRACTIONS

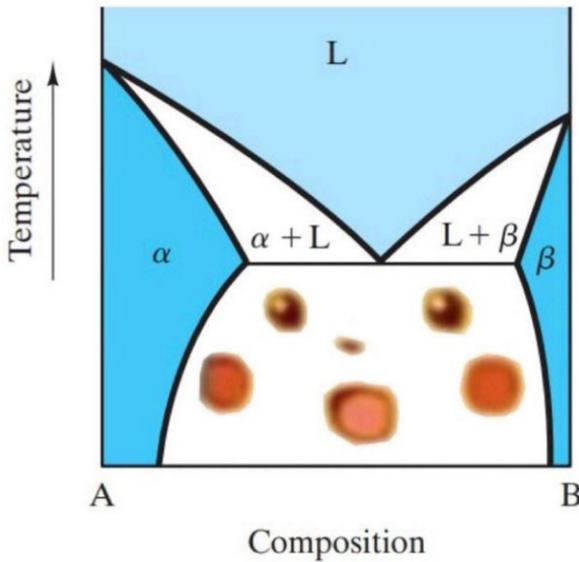
MFV WINGTIPS EXIST

Wingtips : *exist*

Vortices:



me: doesn't study phase diagrams
me: does badly on the quiz
me:



$$y = \frac{\log_e \left(\frac{x}{m} - sa \right)}{r^2}$$

$$yr^2 = \log_e \left(\frac{x}{m} - sa \right)$$

$$e^{yr^2} = \frac{x}{m} - sa$$

$$me^{yr^2} = x - msa$$

$$me^{r^2y} = x - mas$$

stages of procrastination

chibird.tumblr.com

1. false security



2. laziness



3. excuses



4. denial



5. crisis



6. repeat

chibird @ tumblr

LAST CALL

ORGANIZED. SPITTING.

THE IRON MAN NOAH "SOUND CLOUD" PACHECO - AERO D V -



C-Eng Involvement:

Engfrosh
Facil x3, Head x1
Leo's
Volunteer x2, Milk Manager x1
C-Eng Musical
Cast x3, Vocal Director x1, Director x1
C-Eng Poetry Night Director x2
2018 Reflections Emcee

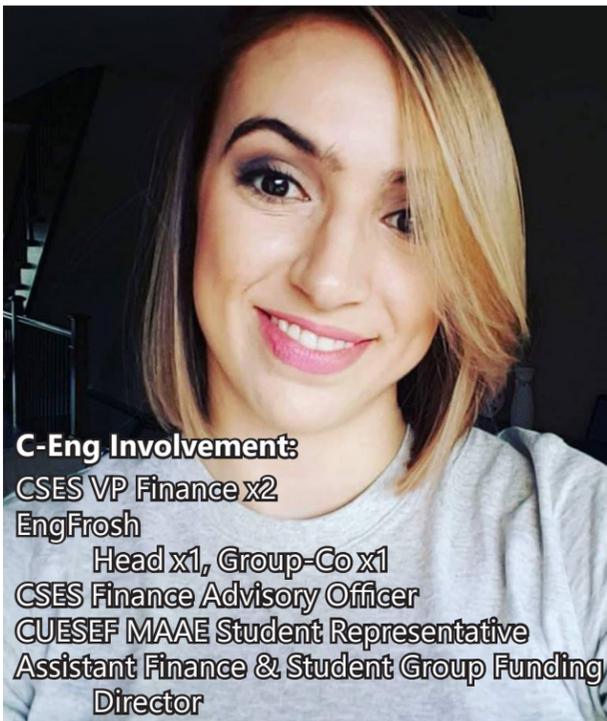
Hailing from: Ottawa, Ontario
Song that is the anthem of your life:
 "Can't Help Falling In Love With You," Elvis Presley
If you weren't in engineering, what would you be pursuing?
 Music Production and Song Writing
Weirdest thing you've ever purchased:
 A lock picking set. \$50 for a few pieces of metal. Yikes.
Memory that you never want to forget:
 Final Bows of the Carleton Engineering Musical's Walt Engie
Most private thing you're willing to admit:
 I'm actually really self conscious about my body. Big woop.
Most useless talent:
 If you think about it, beatboxing is just organized spitting.
If you could have any super power, what would it be and why?
 The correct answer is telekinesis for practicality. Personally, I'd take time control just to be able to pause everything and take a moment or two when needed.
Gimme your smoothest pick-up line:
 I don't do pick up lines. I write poems and songs about them and never disclose who they're about. Then I get lonely. Works every time.
If there is a god/creator of the universe and you could ask it one question, what would it be?
 How you been doing?
Hit me with your best six-word horror story:
 You're in a coma. Wake up.



USES FOR THE CHARLATAN

- > Gift wrapping, duh!
- > Crumple it up and have an indoor snowball fight.
- > Make some homemade Christmas tree ornaments.
- > You've heard of a blanket fort... now get ready for a CHARLATAN FORT. You can live in it until you have to go back to school.
- > Tear it up for confetti to throw on New Year's Eve!
- > Cut it into paper snowflakes to hang around your home.
- > Use it as a tablecloth or place mats for all of your holiday dinners.
- > Use it as a platform to complain about your exams being unfair.
- > You could read it.

THE IRON LADY CYLINA EL-BOUCHI - MECH IV -



C-Eng Involvement:

CSES VP Finance x2
EngFrosh
Head x1, Group-Co x1
CSES Finance Advisory Officer
CUESEF MAAE Student Representative
Assistant Finance & Student Group Funding Director

Hailing from: Ottawa, Ontario
Song that is the anthem of your life:
 "High Hopes" - Panic! At The Disco, or "Life Changes" - Thomas Rhett
If you weren't in engineering, what would you be pursuing?
 Likely a commerce degree in business management.
Weirdest thing you've ever purchased:
 Sparkly slime
Memory that you never want to forget:
 I was an assistant coach for a girls volleyball team. A year later, I spoke with one of the girls I used to coach. She told me she always saw me as a mentor and someone she wants to be just like when she's older with her education and involvements. It melted my heart.
Most private thing you're willing to admit:
 I'm socially awkward more than I like to admit sometimes.
Most useless talent:
 Spin a pen around my thumb, or knot a cherry stem in my mouth.
If you could have any super power, what would it be and why?
 Telekinesis because I'd love to sneakily mess with people by moving objects on them and burst out laughing!
Gimme your smoothest pick-up line:
 I'm sorry, were you talking to me? [No] Well then, please start.
If there is a god/creator of the universe and you could ask it one question, what would it be?
 How do I build a watch that can control time?
Hit me with your best six-word horror story:
 I don't watch horror films :/

Editor-in-Chief

Caroline Lenarcic

Special Thanks To:

The October and November issues for finally arriving. Long live print journalism!

- Footnotes -

Issue Made Possible By:

35 episodes of RuPaul's Drag Race watched while editing
7 dank memes found on Reddit
1 surprise chocolate cake from my mom

Final thots:

Begone

VP Publications

Elizabeth Wilson



HAPPY HOLIDAYS, SEE YOU NEXT YEAR!