



## THE CARLETON STUDENT ENGINEERING NEWSPAPER

# THE IRON TIMES

THE PERSONALIZED IRON TIMES

MYCSES.CA/PUBLICATIONS/IRONTIMES

MARCH 2018

A musical, based on a movie, based on a musical,  
based on some sweedes.

## MICHAEL MIA!

— C-ENG DOES ABBA —

March 16<sup>th</sup> & 17<sup>th</sup>

Proceeds going towards United For Refugees



Melissa Illing  
- MATH III -

**There are many great names in history:** Winston Churchill, Anna Kendrick Lamar Odem Junior Chicken (#productplacement), Rachel Myrah, etc.

Michael or Mike in lame-man's terms is not one of them, but we made a musical about it anyway. This year we are ruining Mamma Mia and capitalizing on the hype com-

ing from the sequel (follow Cher on Twitter). The shows are March 16th and 17th from 7pm, tickets will be sold in the Atrium and Minto.

The proceeds will be going to United for Refugees, which helps Syrian refugees start a new life in Ottawa. Do it for charity or do it for the Mikes!

"Crocodile" Dundee, Aide, Bloomberg, Bluth, Bubl , C. Hall, Caine, Cera, Chang, Chaplin, Clarke Duncan, Darling, Delay, Dirty, Ditka, Douglas, Fassbender, Hoffman, Fox, J. Fox, Jackson, B. Jordan, Jordan, Keaton, Kelso, Lanning, Marsland, Moore, Myers, Myers, Phelps, Ross, Rossyan, Scott, Shannon, Tyson, Vic, Wazowski, Yagoobian.

DON'T MISS IT  
OR THE MICHAELS  
WILL GET YOU!

READ ON,  
I DARE YOU

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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](mailto:irontimes@cses.carleton.ca).

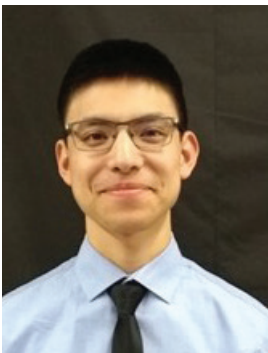




# EDITORIALS

AND THIS MONTH, IT'S STRESS!

~~Stressed-out~~  
From the Desk of the Editor



Gabriel Karam  
- CIVE II -

## Doing Your Best to Beat the Stress

The fact that university brings stress should be apparent to anyone reading this sentence. It's a given, as constant as the passing of time.

Unlike highschool, there's no real way to coast through university (especially if you're looking for good marks) and, let's be honest, no student can stay calm while facing three midterms, a test, and a lab quiz in one week. And on top of school, there are other commitments like chores, relationships, and extracurriculars. The fact that there's often not enough time to juggle all of these commitments is why some of them may fall by the wayside- which explains why I'm still single AF (or at least that's what I like to tell myself whilst sobbing gently at 2am).

In any case, stress is unavoidable as a university student. However, there are some really useful tips to help you manage your stress and live your life to its fullestTM! But before I get into the advice section, here's a little bit on the effects of stress:

From the great Mayo Clinic, stress can actually have adverse effects on your whole life. In serious cases, it can lead to mental health issues and also physical issues such as musculoskeletal pains. But usually, from an excess of stress, a person will become more irritable, have a lack of focus, and have more frequent mood fluctuations. These effects are most definitely no-good and can also start affecting the people around you.

**STEP 1:** To beat the stress, your first step should always be to identify the source and remove it from your life.

As stated in paragraph 1, section 1, this is most definitely impossible for university students. Unlucky... But even if you can't remove school entirely, there are some parts of your life that you can definitely control. Consider taking one less course a year or spreading them out through the summer. Many people have taken the latter option and find that it helps a lot throughout the fall and winter semesters.

**ONTO STEP 2!** Balancing the ways in which you spend your energy. When there's a big assignment due date or test coming up, it seems counterproductive to go out and do anything but study. Illogical as it may be, it's super important to vary how you spend your time each day. Studies have shown that even spending half

an hour at the gym will result in having better concentration, more energy and a better mood ('cuz of those wonderful endorphins). Spending time speaking to other humans has also been shown to reduce stress levels and trigger those happy hormones (yeah, just talking!).

Even if you don't have time to get in a good workout or have a deep conversation, running up and down the stairs of Dunton or having a quick coffee at Leo's are both great ways to de-stress without having to go too far. And remember- even if you really feel lethargic and unwilling to move, just go out do it. You'll thank yourself later!

**STEP 3! S L E E P.** Honestly, this may be the easiest (yet hardest) step to do. Just one thing- go to bed earlier. Of course, it doesn't seem like the greatest option when midnight rolls around and you've just discovered Netflix's collection of

original series feat. Neo Yokio.

But as I'm sure you've heard many times, sleep is the time when your body processes all the stuff you did in your waking hours and prepares you for the next day. Not meeting the minimum 7 hours needed by the average human isn't the best, and falling well below can have some serious effects over time, including short-term memory deficiency and incoherency normally associated with being heavily inebriated. When it's time for bed, try to avoid the soul-sucking power of Netflix and read a book (fun fact, more screen time makes it harder to fall asleep).

**STEP 4!** Last but not least, take a step back and evaluate your life. When dealing with stress, it's important to look at the things in your life over which you have control, and accept the things that may be beyond your control (or develop psychic powers, it's up to you).

By doing this, you can find out which things in your life are best to change, and which ones you can't. But even the things you can't change (particularly how other people act) can be dealt with. Don't try to change the unchangeable- you'll just be wasting your energy. Instead, look for the positives and try to adapt. For example, it's common to have a professor or TA that is uncooperative, or straight-up apathetic. The kind that reads off PowerPoint slides for an hour and a half or goes on completely unrelated tangents. In this case, accept that these people aren't doing very much to help you learn the course, and look elsewhere. In my experience, upper years are a great help in these kinds of situations!

In the words of the great G. A. Marshall, "Life may pull you through an ocean of the world's greatest storms, but the man who reaches shore in the end shall be washed clean by these waters." So keep on going, and you'll make it in the end!





# EDITORIALS

## FORGET THE ONE, I'D BE FINE WITH ANYONE AT THIS POINT



Cassidy "Next" Lang  
- AERO C III -

There's no end to the material you can dig up online regarding modern dating culture in North America and how much it sucks. "Wow! I'm having just exactly the right number of hookups!" is something I never have and likely never will hear anyone say, ever.

It doesn't matter what you're looking for--the odds seem to be inevitably against you finding such a thing in your lifetime. It's possibly one of the most-asked questions ever: "why am I single?" If you asked evolutionary psychologist David Buss, who has his own "Buss Lab" at the University of Texas, he might be able to offer an explanation by way of mating science.

Oh, yes, that is a thing.

I've actually quoted David Buss already, in an article from earlier this year, because rarely do you get this much fact out of something like romantic relationships between human beings. The man pulls no punches. He tells the science like it is.

Buss argues that relationship compatibility all comes down to "mate values" being in accordance with each other in the present context. For example, in the case of men, the primary contributor to a high mate value is not actually attractiveness, but status.

This doesn't always mean money. According to Buss, "the esteem in which a guy is held by other people is extremely important in women's mating psychology," meaning that even something as simple as having a multitude of friends can be instrumental in lending to one's mate value.

Unfortunately (or maybe fortunately?) the same is not true for women. The primary contributor to a high mate value still shows to be perceived physical attractive-

ness. One wonders if this will be subject to change over time and through further evolution.

Whether you are a man or a woman, however, you benefit from popularity. Vanessa van Edwards, a behavioural investigator and best-selling author, conducted a study that found two prominent characteristics shared by popular high-schoolers across the United States--and actually, they're a lot more insightful than you might think.

Number one is how much you smile at other people. If you're thinking "yeah, okay" in a sarcastic mental tone, bear with me here... Number two is how many people you like. That's right, not how many people like you, but how many people you like. This still kind of blows my mind a little bit, but it can be explained simply by the notion that people like to be liked.

Going back to the first point of popularity, then, does it make more sense when framed as recognition? To me, the bottom line of importance is the public acknowledgement of one's existence in passing. So, greater frequency of smiles = greater recognition. Logic.

Speaking of logic, I'd like to take this opportunity to recommend the TED talk, "How I Hacked Online Dating" by Amy Webb, I would highly recommend the less-than-twenty-minute time investment. The algorithm she developed for her experience online dating is nothing if not entertain-

ing, especially to the logical mind.

Still not convinced? Well, as an appeal to the desperate, the algorithm actually worked and now she is married with a kid. So maybe you'll learn something useful.

In any case, I'm going to touch on the one thing that I found most interesting about her "experiment," which was her encouragement to be "as picky as you want" when it comes to finding "the one."

It's interesting, because David Buss encourages "widen[ing] the pool of potential mates that [one] considers," since he feels as though (especially in the case of women) there is often a discrepan-

cy between what one thinks they want and what they actually want, or need.

Upon closer inspection, though, this is not such a contradiction. Amy Webb supports her "it works!" claim for her algorithm with the disclaimer that "it's something you write yourself," which requires an intense inward look at oneself. It's hard to write an algorithm about what's best for yourself if you don't even know what's best for yourself. Thus, you're kind of forced to come to terms with your "dealbreakers" versus your "would-be-nices."

"Why am I single?"

The answer lies somewhere between who you are and what you want, what you bring to the table and what you need the most from others. Maybe the balance is off. Maybe the timing's not right. But I'm no expert; I'm still looking for my own answer.

So, you see, the problem with finding "the one" is actually a complex myriad of problems including mate value, attraction, and retention; perceived status; popularity; and feelings... for which a solution cannot be easily engineered. Maybe you're better off writing that algorithm after all.

Or, I mean, you can just do what I did and buy a car. It's basically the same thing, anyway.



## Thinking About the trouble with finding "the one"





# COLUMNS

THEY'RE BACK!

## THE AGONY AUNTS



Elspeth Cudmore  
- ENG PHYS IV -

&

Rachael Machnée  
- AERO A IV -



## Other Drugs

and



Love



We asked for your stupid questions, you asked your stupid questions, and now we answer the most spicy, yet relatable stupid questions we got.

“Any advice for co-ops on how to survive in different cities where you don't know anyone?”

- Smitty Werbenjagermanjensen

### HOLA SMITTY,

We really don't know anything about this topic, sorry. Literally no experience

“Hi Agony Aunt, recently my va-jay-jay has been smelling like death. The smell is so awful and pungent I'm started to wonder if a small animal crawled up there to die one night and has been rotting inside ever since. In fact, my boyfriend is currently unconscious on the floor after attempting to go down on me. What should I do?!”

- DeadPossumPussy

### DEAREST DEADPOSSUMPUSSY,

If you have to ask, the answer is probably yes, a small animal must've crawled into there and just straight up died. Normally one would advise you seek medical attention immediately for your boyfriend on the floor (And maybe your vageen). We, however, would highly recommend you take a moment to just remind yourself what his junk smells like. You're proba-

bly not in the wrong here (ok but really you should probably also go see a gyno ASAP).

“I have trouble balancing my studying and my not studying, (ex. ceng involvement, memes, chilling with homies etc.) and I really want to develop a balance because even though I have survived so far, I want to be more involved and improve my grades. Please help ♥”

- Memel0rd

### HI MEMELORD,

Why are you still in school??? It sounds like it's causing you way too many problems. Drop out immediately. Or at least take the minimum number of courses required to get heated bus shelter access. Take full advantage of the sweet, sweet 8-year plan. The only true way to achieve maximal C-Eng/Meme involvement is to take minimal courses, over maximal years, and to spend all your time in Leo's.

(Real advice though, make a schedule or get a homework app to keep track of things. Organization is the first step to good time management, you've got this!)

Xoxo, gossip girl.

“How do you talk to a girl without being super awkward? Asking for a friend :)))”

- confused eng nerds anonymous

### CONFUSED ENG NERDS ANONYMOUS,

Talk to girls in eng. There's a major chance the courses that are sucking the life out of you are ALSO the courses that are sucking the life out of them. Bam. Talking point. Other killer conversation-starters include: memes about dogs, Meryl Streep still killin' it, How much AS3 Snatch Game sucked, whatever's on your mind, the contents of this column, etc. Just tarps off and give'r (or idk, maybe keep the tarps on). KEEP THE TARPS ON!

“What is the airspeed velocity of an unladen swallow?”

- Senior

### HOWDY SENIOR,

Well it depends if you're referring to African or European swallows of course. There are 74 subspecies of swallow to consider, you know. All that aside, our math is pointing to approximately 11m/s. What a silly question. But you've just got to know these things when writing an advice column.

“My friends won't stop calling me Big Duck Bobby. How can I deal with this?” - Big duck Bobby

### HELLO ROBERT,

Start off with a checklist:

- ☐ Does your duck hang low?
- ☐ Does it wobble to-and-fro?
- ☐ Can you tie it in a knot?

- ☐ Can you tie it in a bow? (advanced)
- ☐ Can you throw it over your shoulder like a continental soldier?

If you answered yes to at least two of these, at least the name-calling is warranted. Also don't Google image search “low-hangers” when you forget the words to this song.

“what do i do if theres therapy dogs and im allergic? i cant just not go, that would be absurd, how do i do this?”

-doggo boi

### MR D. BOI

My advice to you is to live your dreams, I'm allergic to my favourite food but does that stop me from eating it. Hell No! Sure my doctors hate me and I feel awful all the time but my tum is happy.

Marry me?

-Entirely straight male

### DUDE,

This is a whole lot of crazy I don't think you know you're getting into. Y'all realize how we live? You wanna wake up at 6am? You wanna only eat peanut butter and rice or half assed vegan cuisine? You wanna hang out with my only two friends? Entirely straight more like entirely psycho.



# COLUMNS

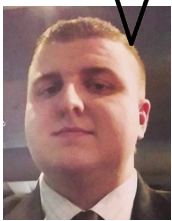
QUI SUIS-JE?



“What's one piece of advice from someone that really helped you?”

You can try to idiot-proof things, but they keep making better idiots.

**Spencer Slade**  
MECH VI

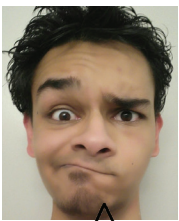


**Caroline Deluce**  
ENG PHYS II



One day you're going to wake up as an old man like me and you're gonna go, "Oh shit I'm fifty!" That's why you gotta do what you need to do now, so you don't regret anything.

**Ariq Maclean**  
COMP SCI III



Don't get dead.



**Katie Neill**  
EaH III

The only liquid you need is coffee.

If you're eating spicy food dont touch your willie.



**Talal Faddah**  
AERO I

**Dublin**  
AERO C II



Go to class even if the prof is useless. You'll at least know what they're covering and can decipher what they're saying with your textbook.



**Sarah Hillock**  
ASCE III

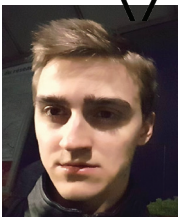
Take care of yourself first, the rest will come with time...

Whatever happens happens, m8.



**Miryam Yakub Aga**  
ARCH I

Whether it's sex, thicc burritos, or toilet paper, always remember to double wrap.



**Konstantin Fedotov**  
ELEC II

FOR EXTRA SAFETY, WRAP 3.14 TIMES



# COLUMNS

YOU CAN NEVER HAVE TOO MUCH SALT

Jake Hourihan  
BMED MECH II



You can't push on a rope.

Daniel Haycocks Tulli  
ELEC II



Always salt your pasta while boiling it.

“Where do you see yourself in 20 years?”

Emma Maddock  
COMP SYS III



In a ditch somewhere.

#20yearplan... Ph.D bitches.



Enjoying life with my 50+ cats on my hummus farm.



Either on a beach in Spain, or dead. I accept no other alternatives.



Denise Mayo  
AERO C II

UNDA DA SEA.



Liam Tripp  
SREE B I



Not dead (hopefully).

Not here.



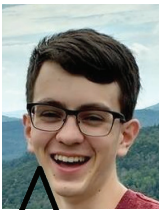
20 years older.



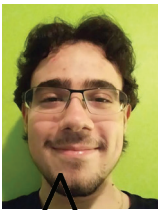
With a job pls.



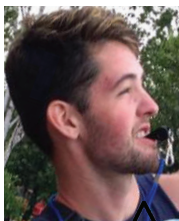
Designing some boring looking circuit while the other aeros get to show off their fancy planes and spacecraft.



Doing a job that doesn't exist yet, that is so awesome I can't comprehend it.



In a mirror made of melted down iron rings.





# COLUMNS

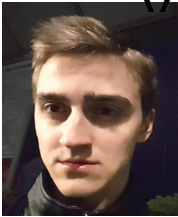
A RAVENCLAW, SLYTHERIN AND GRYFFINDOR IN THAT ORDER

“DO WE REALLY, TRULY EXIST???”



No, because 5 dollar foot longs at subway aren't a thing anymore, and I just can't accept it. So reality must be wrong.

Yea, why not.



Ah, one of my favourite questions. Physics is pretty weird so probably not, or we're just a 2D hologram, or we're just all a part of your imagination and everything around you only exists in your mind.



Idk man, that Musk fellow had some pretty good points...



I mean, Santa didn't exist, so anything's possible.

\*suddenly has an existential metaphysical crisis\*



If we didn't, would finals be so scary?



Unfortunately we exist in the worst possible timeline.



No. The proof is trivial and can be found in your textbook.



No, because water isn't wet.



# GALLERY

"SMALL HEADS SHOULD JUST RIDE ON BIG FACILS"





# GALLERY

## CENG GOES TO OEC





# REPORTS

## CAN GNCTR JUST SERVE COFFEE ALL YEAR?!?



Courtney Kester  
- ARCH ENG IV -

At the end of January, the 44th annual Great Northern Concrete Toboggan Race (GNCTR) was held in Waterloo, Ontario. Carleton sent 25 students this year including 2 captains and 7 sub-captains for sponsorship, concrete mix, metal design, technical display, and spirit.

### WHAT IS GNCTR?

GNCTR or Concrete Toboggan or T-Bogg is an annual competition where schools from across Canada (and one from the USA) design and build a toboggan to carry five people down a hill. The sled must have a running surface made entirely out of concrete, a structural frame, a breaking system, and a functional steering system (we used an old go kart). Also, the sled must weight less than 300lbs! Teams are judged on concrete mix design, frame design, steering, braking, safety, technical report, race day speed, and school spirit.

The first day is competitor interaction day where you meet other teams and do a bunch of fun activities! The second day is Tech Ex, where every team sets up a technical display to show off



their sled and demonstrate team spirit! This is also where the design sub-captains present to the judges about our sled. This day is super fun because you can learn about other team's sleds and play the games they prepared. The final competition day is race day! Teams race their sleds down the hill to test for steering and fastest speed. This year there was minimal snow, meaning most teams didn't make it very far down the hill.

Carleton's theme this year was Starboggs! We wore green aprons and served delicious coffee at Tech Ex. Our sled was designed to look like a unicorn Frappuccino

no, including a giant blue straw on top. To go along with the coffee theme, we put strands of burlap fibres that were repurposed from a coffee bean sac in our concrete. This added tensile reinforcement to the mix, which is good because concrete isn't very good in tension on its own.

Although our sled didn't get very far down the hill on race day due to the poor snow conditions, we had lots of fun dancing and cheering for all the teams. Carleton took home third for the most sustainable design and a couple spirit awards for various challenges throughout the competition.

### ARCTIC FIRE: CIRCLE OF DEATH

By far the most interesting (and best performing) sled this year was the 1998 Waterloo Alumni team. Alumni teams don't compete but can race and present at Tech Ex. This sled competed in the 1998 competition and has been stored in a backyard shed ever since. Although the sled doesn't meet today's requirements for safety or steering (there's no steering at all) it is amazingly fast and spectacular to watch! The sled rotates as it goes down the hill and passengers hang on for dear life. The first time the sled was raced it went so fast that one person was flung out while another was hanging onto the slides horizontally (this is what the team told me at least).





# REPORTS

## VOILA, THE MONTHLY UPDATE



Milan Roy  
- ACSE I -

[Ottawa]: Located in Carleton's backyard, Dow's lake's very own Malone's Bar and Grill hosted the Canadian Society of Civil Engineering's first annual industry night, on the 6th of February.

The event began with a few introductory lines from CSCE's VP – Publications (Audrey Kester), followed by some presentations by the night's sponsors. The talks started with seasoned CSCE veteran Gary Holowach from the firm Morrison Hershfield giving a comedic yet informative briefing of its company's whereabouts and actions over the past year. Tomlinson then gave an interesting heritage story before discussing topics with direct relation to employment.

In the flow of the evening, a few amuse-bouches landed comfortably in the hands of the students and industry workers, making the conversations a touch more savourable. Given the night's pace, more than a comfortable amount of time was spent with each company's representative. Making the night eventful for every student.

All in all, students are expecting a wonderful time next year given the success of this event.



### CSCE MARCH UPDATE

February was a busy month for CSCE Carleton. CSCE hosted a successful Industry Night welcoming the following companies: DST Consulting Engineers, EllisDon, Pomerleau, Tomlinson, BLP, Morrison Hershfield, WSP, CH2M, AAR, Jp2g, and Ron Eastern Construction Ltd. The evening would not have been possible without the generosity of the sponsors. In hopes to make this an annual event, stay tuned for ticket sales around the same time next year.

In March, CSCE is hosting a guest speaker as a part of National Engineering Week. The speakers are scheduled for March 8th and pizza will be provided. Later in March, nominations and elections for the 2018-2019 executive council will be occurring. A general meeting will be hosted just before this to update members on the progress throughout the year. If there are any questions, the office is 3379 ME, 8:30-5:30 Monday – Thursday, and 10:00-4:00 Fridays. Good luck with midterms!



Bay Ross  
- BMED ELEC II -

Hi everybody! I recently attended CFES congress in January and learned lots of new things that I would like to share with you guys!

The first thing is Active Listening- it is as easy as it sounds.

**STEP 1:** Pay attention! Look at the speaker directly and put aside any distracting thoughts or environmental factors. Also look at the person's body language; it's a great way to gauge how they're feeling.

**STEP 2:** Show that you are listening. Nod, smile and have an open and inviting posture.

**STEP 3:** Provide feedback. Summarize the person's comments periodically and ask for clarification on points that may not have been clear.

**STEP 4:** Allow the speaker to finish their point before asking questions and don't interrupt them with counterarguments.

**STEP 5:** Respond appropriately. Be open and honest and make sure to be respectful when asserting your opinions.

To sum up how to be an active listener, here are the 3 R's you can use.

- Recognize what the other person is saying
- Reflect your thoughts and feelings
- Reassure them that you understand

If you can do all of this, you will be a great listener and I'm sure your friends and family will appreciate it!

However, if active listening does not work for you, you might need to move to conflict resolution. Conflict resolution can sometimes be a tricky thing, especially if you are directly involved with the issue. Here are some things that can help:

Take a moment and BREATHE; don't make any hasty decisions. Think about what you are going to say, don't just blurt it out because you might regret it.

Stop talking, especially on social media, because nobody can see your face and cannot read your body language. So much is lost in text messages and other forms of social media, so talk face to face because it is wayyyy better.

Organize and get help- make sure everybody is on the same page and have one person in charge and communicating.

Act Promptly, not quickly. It always depends on the situation, and sometimes you need to react quickly, although it is good to take your time to cool off and make sure you say the right thing.

Manage your expectations- things are not going to magically fix themselves. You need to keep your expectations realistic because you cannot always convince everyone of your points.

It's okay to make mistakes- just admit when you do, it's not a big deal. Try to find a contrastive outcome of the situation.

Look at the big picture, think about it in the grand scheme of things; is it really that important to win the argument? Or maybe it's something that can be fixed over time.

In the end, try and read the situation to the best of your ability. Take the time to formulate a response and do it in person. Tell the person how you feel instead of pointing fingers. It won't always work because there are stubborn people... but you should always try!





# CARLETON STUDENT ENGINEERING SOCIETY



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MARCH2018

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
26	27	28	1	2	3	4
5	6	7	8	9	10	11
National Engineering Week (NEW)					Reflections Engineering Formal	Daylight Savings Time
12	13	14	15	16	17	18
	Trivia Night @ Ollie's			C-Eng Musical	Winter Ring Day C-Eng Musical St Patrick's Day	
19	20	21	22	23	24	25
					Charity LAN	
26	27	28	29	30	31	1
		CSES Annual General Meeting	Winter Volunteer Appreciation Party (VAP!)		April Fool's Day (Poisson d'Avril!)	
2	3	4	5	6	7	8



# 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  
Sasha Christie

Hey C-Eng! As we approach the end of the semester I hope you've all survived midterms/are ready for your last few and are getting excited for summer to return. We are currently working with the faculty to develop a new peer mentorship program, so keep your eyes on the CSES Facebook page if you are interested in getting involved! As always I wish you all the best of luck moving forward!



VP Internal  
Tristan Durie

Hey Friends, hope your second semester is going well so far!! We have a lot of cool events for you this month. Be sure to come out to Iron Ring Ceremony After Party on March 17th to celebrate with the graduates. Also come to AGM on March 28th to hear what CSES has done this year and what the plan for next year is! Don't forget to vote for Council and Exec March 5th and the 6th. Have a good Month!!



VP External  
Johan Prent

With FYIC all wrapped up, my time as VP External is rushing to an end. The next conference Carleton attends, ESSCO AGM, will be led by the incoming VPX! Stay tuned for a potential team of C-Eng that will partake in relay for life! Otherwise, I hope you all had a good reading week, and even better midterms!



VP Publications  
Cassidy Lang

Hello C-Eng! After having received initial quotes from yearbook providers, I have decided to re-timeline the project for the start of the Fall 2018 semester in order to meet the target unit price derived from the yearbook feedback I've received. I will be putting together a marketing plan and recommended timeline to transition to next year's VP Publications with the hope that the only thing left to do will be the actual execution. In the meantime, good luck with midterms and I'll see you around!



VP Social  
Julia Ferri

Hey again! Thanks for coming out to all the events hosted on February Feel Good Week. March has a lot to offer, so make sure to clear your schedules! National Engineering Week will begin with our fourth and final Trivia Night, and will end with the our annual formal- Reflections 2018 will be hosted at Chateau Laurier on Saturday March 10th. Be sure to grab your dinner or dance tickets ASAP. We will then round off the month with our 24-hour Charity LAN and Volunteer Appreciation Party. See you guys there!



VP Services  
Michael Lanning

Toques arrived early in February and are selling like hotcakes! Sweater orders also happened, with sweaters due to arrive by the end of February. March doesn't have much happening except for the planning of next year's suppliers and merchandise with the new VP Services, and finishing up a transition report to make sure next year runs smoothly.



VP Academic  
Caroline Deluce

Hi C-Eng!!! I hope your midterms all went well! As you may know, March is the month of events (#PieDay), and we have a lot of activities planned. National Engineering Week is March 5th-9th and there will be more than ten different events throughout the week (more information on our Facebook page), as well as new NEW patches available for purchase. There will also be a Revit Workshop planned later this month, so stay tuned for all the events to come!

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.



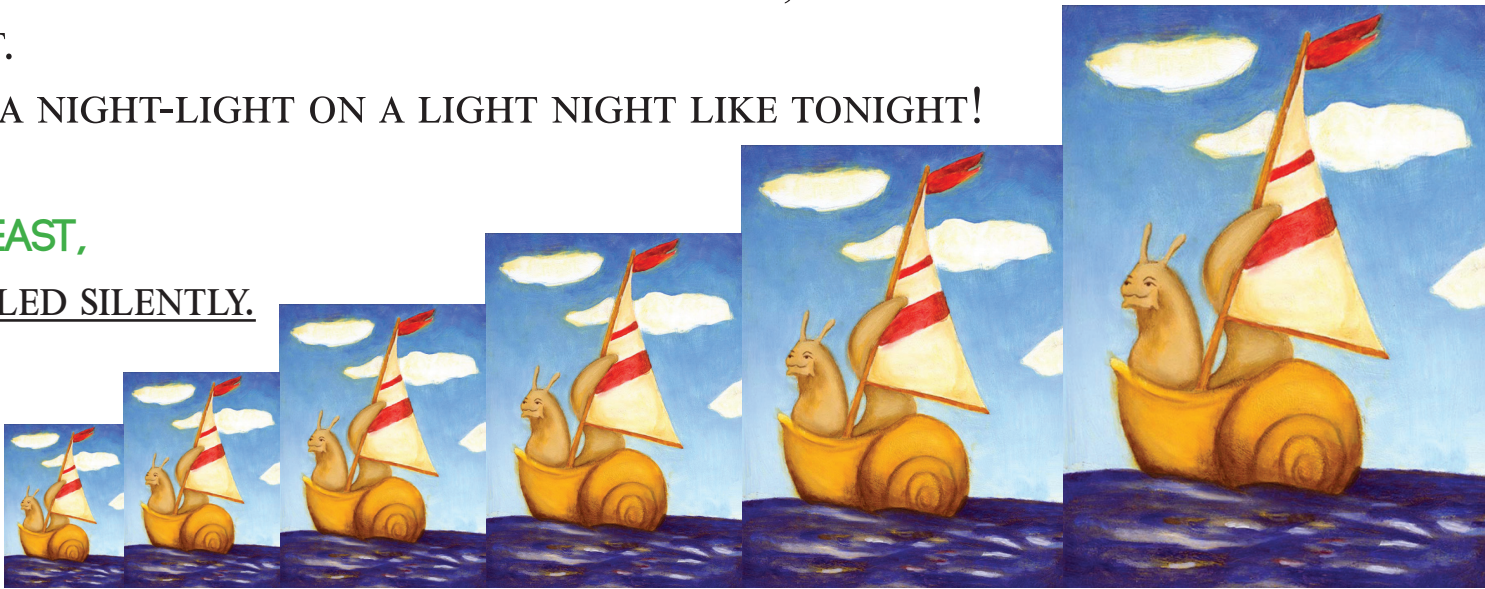
DISTRACTIONS

MY NEW FAVOURITE PICTURE FROM THE INTERNET

HAVE YOUR TONGUE TANGLE WITH THESE TRULY TERRIBLE TWISTERS

- > IF WILL SMITH WAS WILL SMITH'S SMITH, AND WILL SMITH COULD SMITH WILL SMITH, WILL WILL SMITH SMITH WILL SMITH'S SMITH?
- > CAN YOU CAN A CAN AS A CANNER CAN CAN A CAN?
- > HOW MUCH DEW DOES A DEWDROP DROP IF DEWDROPS DO DROP DEW? THEY DO DROP, THEY DO AS DEWDROPS DROP IF DEWDROPS DO DROP DEW.
- > BUSY BUZZING BUMBLE BEES~
- > IF PRACTICE MAKES PERFECT AND PERFECT NEEDS PRACTICE, I'M PERFECTLY PRACTICED AND PRACTICALLY PERFECT.
- > NO NEED TO LIGHT A NIGHT-LIGHT ON A LIGHT NIGHT LIKE TONIGHT!

AND LAST BUT NOT LEAST,  
> SIX SLIMY SNAILS SAILED SILENTLY.



CATOSCOPES

<div></div> <div>ARIES</div> <div>THE EGYPTIAN MAU REPRESENTS YOU, ARIES. YOU ARE ACTIVE AND PLAYFUL, AND EXACTLY THE KIND OF PERSON TO DESTROY A HOUSE IF LEFT ALONE FOR TOO LONG.</div>	<div></div> <div>LEO</div> <div>THE SPHYNX REPRESENTS YOU, LEO. AN OUT-GOING PERSONALITY, AND DEFINITELY NOT AFRAID TO SHINE IN THE LIMELIGHT. LOVES SNUGGLES!</div>	<div></div> <div>SAGITTARIUS</div> <div>THE JAVANESE IS YOU! SOMEONE ACTIVE AND SOCIAL, AND RELATIVELY TALKATIVE. ALSO READY TO PLAY WHENEVER SOMEONE WANTS TO! WARNING: IF YOU MAY GET ANNOYED LIVING WITH A V/ CHATTY FRIEND, THIS BREED IS NOT FOR YOU!</div>
<div></div> <div>TAURUS</div> <div>THE PIXIE-BOB REPRESENTS YOU- SOME-ONE WHO LOVES GOING FOR DRIVES AND LEASHED WALKS, OR JUST HANGING WITH YOUR HUMANS. YOU BOND VERY STRONGLY WITH OTHERS, ESPECIALLY CHILDREN.</div>	<div></div> <div>VIRGO</div> <div>THE OCICAT REPRESENTS YOU! NOT MUCH LIKE THE WILD OCELOT AS THE NAME MAY SUGGEST, YOU ENJOY PUZZLE GAMES AND RIDING ON SHOULDERS. ACTUALLY, YOU JUST SOUND LIKE A LAZY ENGINEER.</div>	<div></div> <div>CAPRICORN</div> <div>SELKIRK REX REPRESENTS YOU, CAP. SOMEWHAT DOCILE BUT WITH A DEFINITE SILLY STREAK, YOU ARE ALSO DEPENDABLE. HOWEVER, YOU SHED LIKE A F*KING HUSKY. COMB YOURSELF FREQUENTLY.</div>
<div></div> <div>GEMINI</div> <div>THE AMERICAN WIREHAIR REPRESENTS YOU. PLAYFUL AND GOOD-NATURED, AND NOT TOO DEMANDING OF ATTENTION. HOWEVER, PEOPLE EXPECTING A SOFT COAT WHEN PETTING MAY BE IN FOR A SURPRISE!</div>	<div></div> <div>LIBRA</div> <div>THE BOMBAY REPRESENTS YOU, SOMEONE CALM AND FLEXIBLE EVEN WHEN THINGS GET ROUGH. JUST STOP HOGGING ALL THE WARM THINGS IN THE HOUSE! GEROFF, DAMNIT!</div>	<div></div> <div>AQUARIUS</div> <div>THE RUSSIAN BLUE REPRESENTS YOU. WHILE YOU MAY SEEM HAUGHTY AT FIRST GLANCE, YOU ARE REALLY QUITE PLAYFUL AND GENTLE! STILL, YOU NEVER FORGET THE MOTHERLAND!</div>
<div></div> <div>CANCER</div> <div>THE RAGAMUFFIN IS YOUR SPIRIT CAT! A SOFT AND HUGGABLE FLOOF, AND GLADLY GREETES VISITORS AT THE DOOR (SO USEFUL)! WARNING: MAY REQUIRE ATTENTION.</div>	<div></div> <div>SCORPIO</div> <div>THE ABYSSINIAN REPRESENTS YOU, SCORPIO. ALWAYS ON THE GO AND LIVING LIFE TO THE FULLEST. YOU MAY NOT BE THE MOST AFFECTIONATE PERSON IN THE WORLD, BUT YOU'RE A PRETTY SMART COOKIE. IN CAT TERMS, THAT IS.</div>	<div></div> <div>PISCES</div> <div>THE HIMALAYAN REPRESENTS YOU, PISCES. YOU ARE SWEET AND AFFECTIONATE, BUT RESERVE YOUR ATTENTION FOR A SELECT FEW. MAY ALSO BE GUILTY OF STARING DOWN OTHERS FROM ON TOP OF A HIGH SHELF.</div>



# DISTRACTIONS

HE'S PRETTY DISTRACTING, IF NOTHING ELSE

## Software Engineer



What my friends think I do.



What my mom thinks I do.



What society thinks I do.



What my boss thinks I do.

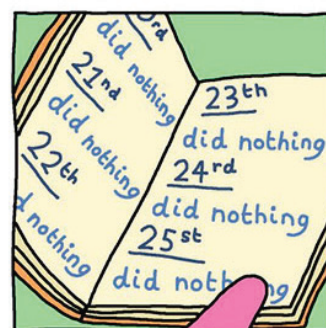
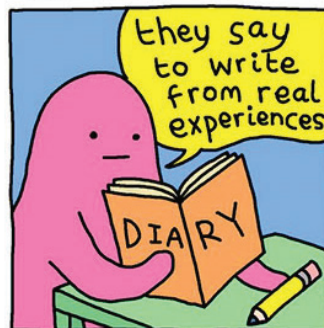


What I think I do.

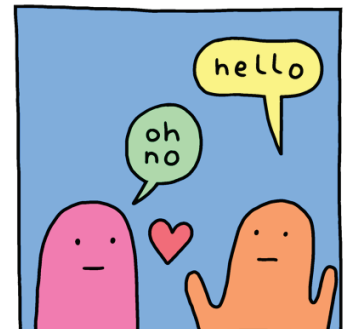
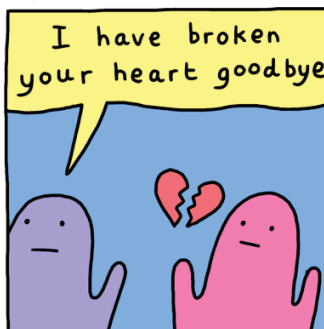


What I actually do.

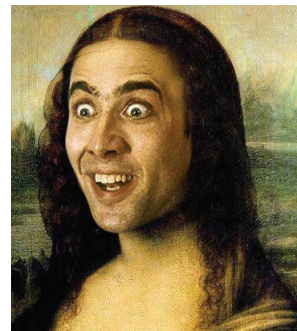
## EXPERIENCE



## AGAIN



webcomicname.com



## Pusheen's guide to being fancy



not fancy



Kind of fancy?



fancy



super fancy

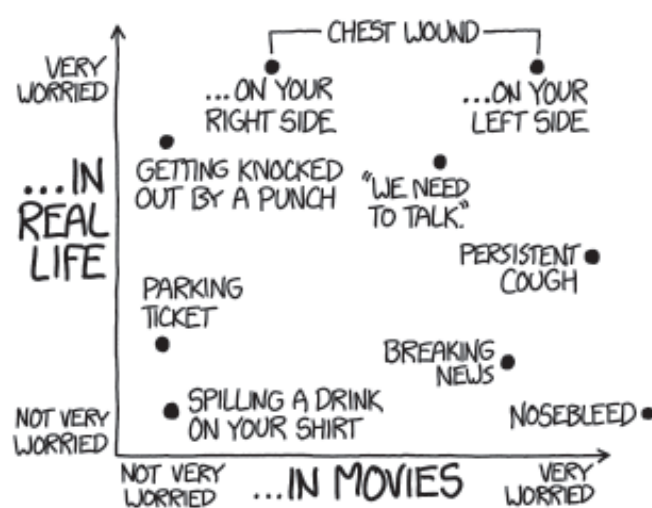
## WRITTEN COMMUNICATION



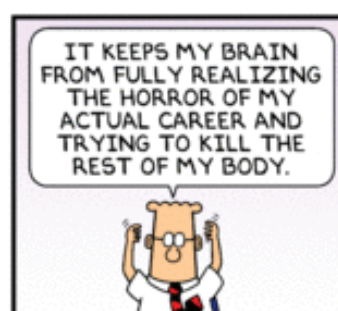
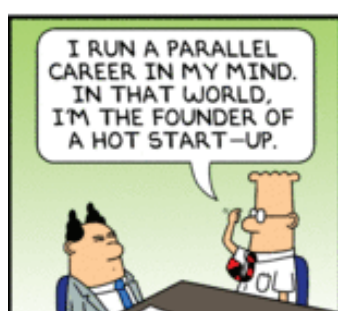
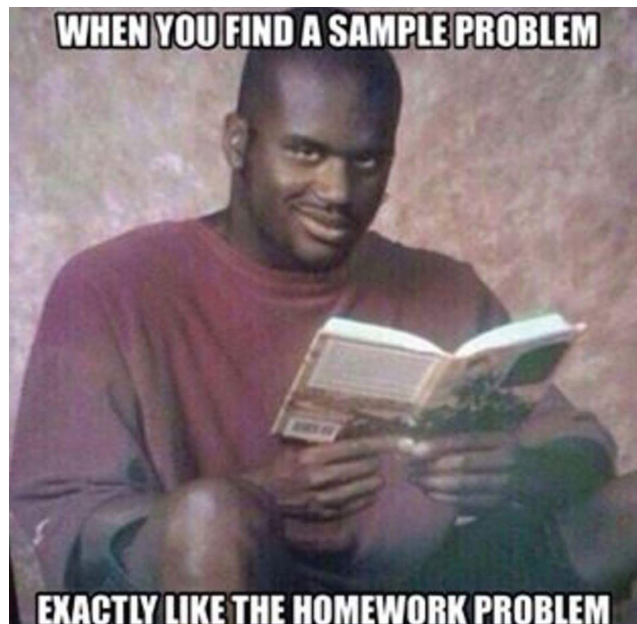
## VERBAL COMMUNICATION



## HOW WORRIED SHOULD YOU BE WHEN VARIOUS THINGS HAPPEN TO YOU:



## WHEN YOU FIND A SAMPLE PROBLEM



WHERE WOULD WE BE WITHOUT SAMPLE PROBLEMS?



# LAST CALL

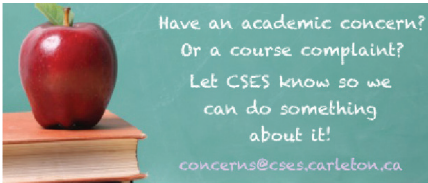
BUY YOUR MUSICAL TICKETS! #NOSHAME

## THE IRON LADY MELISSA "JILL" ILLING - MATH III -



**C-Eng Involvement:**  
C-Eng Musical x3  
(Cast x2, Co-Director)  
Engfrosh x4  
(Frosh, Facil x2, Spirit)  
Leo's Volunteer x3

**Hailing from:** The Couve, beautiful British Colombia.  
**Delicious Dish of your choice:**  
Slurp-y Asian Food.  
**What would be your dream job and why?**  
A teacher because I get to work with kids, make a change, and don't work summers.  
**Most Magical Moment:**  
When my sister farted and woke herself up.  
**If you could travel anywhere, where would you go?**  
I would go to hell, to meet the devil #illuminaughty.  
**Favourite song/band/genre of music:**  
Currently Brockhampton  
**If you had one day left on earth, how would you spend it?**  
I would try and lose my virginity.  
**One quote that really resonated with you:**  
"My entry point is my bangs, then I wow them with my winning personality" - Tina Belcher  
**Would you rather be unable to speak, or unable to use any electronic devices (for one day)?**  
Unable to speak, because I play Tsum Tsum every day on my phone. Add me on LINE: mllissai  
**What holds the top spot on your bucket list?**  
Getting a full back dragon tattoo.  
**Hit me with your best six-word horror story:**  
You're not America's Next Top Model.



## USES FOR THE CHARLATAN

- > Use to advertise upcoming student elections!
- > Fashion a full-body Charlatan suit for a social experiment
- > Mold into the shape of everyone's favourite Italian hand pose.
- > Use to hide valuables underneath! Robbers don't like to go through the garbage~
- > Send copies to your enemies.
- > Fold all the unused copies into a nice car, cuz you're too poor to afford one...
- > Wrap your video game controllers so your snackin' doesn't affect your crack-a-lackin'
- > DISINTEGRATE
- You could read it

## THE IRON MAN SIMON DEWILDE - SOFT III -



**C-Eng Involvement:**  
C-Eng Musical Co-Director  
Engfrosh Tech Director  
Leo's Volunteer  
Charity LAN Tech

**Hailing from:** Oshawa, Ontario.  
**Delicious Dish of your choice:**  
Steak and potatoes.  
**What would be your dream job and why?**  
Software architecture, design of software is so much more fun than the actual coding.  
**Most Magical Moment:**  
Hiking or canoeing.  
**If you could travel anywhere, where would you go?**  
Switzerland!  
**Favourite song/band/genre of music:**  
Mumford and Sons.  
**If you had one day left on earth, how would you spend it?**  
Somewhere deep in a forest.  
**One quote that really resonated with you:**  
"Fool me once, strike one. Fool me twice, strike three."  
**Would you rather be unable to speak, or unable to use any electronic devices (for one day)?**  
Unable to speak.  
**What holds the top spot on your bucket list?**  
Visit a volcano.  
**Hit me with your best six-word horror story:**  
I know you can see me.

### Editor-in-Chief

Gabriel Karam

### VP Publications

Cassidy Lang

### Special Thanks To:

The Dictionary of Cats, and Aspirin. Also these great internet self-help guides!

### - Footnotes -

### Issue Made Possible By:

XKCD In all its glory  
A loophole in the code  
2 bacon and eggars  
Unlimited download capacity

### Last Words:

Coming to you next month!



AAAAAAND WE'RE FINISHING UP WITH APRIL!