





the carleton student engineering newspaper



the iron yikes

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

November 2021

E-Proctoring: A 100% Biased Review

Last year I was lucky enough not to have any classes with proctoringuntil second term, a blessing that should not have been taken for granted. Unfortunately, like air-resistance, I eventually reached a point where I couldn't keep ignoring it.

The fun thing about e-protoring is: it's different depending on the class. So you don't know if you'll end up downloading sketchy software that's "definitely safe, just follow this link" or joining a video call where someone just flat out watches you for an hour or two.

There's also that lovely constant lingering dread of "what if it disconnected?" or "does this seem like cheating?" One may begin to feel unsettled when, looking at the camera display, using a calculator looks more like typing on a phone.

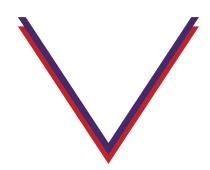


They say it's to prevent cheating, but all it does is make things more stressful and constrain your actions further. Though if you do wish to cheat it really wouldn't be hard, just do it out of view of the camera, and make sure to gaze wistfully when looking away.

If you are a masochist, I would recommend giving e-proctoring a try; it will help to make your online learning experience even more painful. If you currently cheat, it probably won't even catch you as long as you have a single ounce of creativity in you. If you qualify for PMC extra time on tests, but haven't gotten it yet, now's the time.



HOPE YOU ENJOY!



SLEEPING TIPS
PAGE 2

The BLÅHAJ

My Life's A Movie Page 6

C-ENG SPEAKS
PAGE 8

EXEC SPEAKS
PAGE 10

HOROSCOPE PAGE 12

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 know it sucks but you have to sleep.

It's Ridley Singh, the Publications Coordinator!!!

How to sleep: for dummies



Ridley Singh - Biomed & Mech III -

Has anyone else looked up "Can I survive on coffee for 2 days" at 4 am after your third lab? Nobody warns you the day after an all nighter, but I think I've found the best sleep schedule to prevent that gross, clammy, hangover-like feeling

First let's start with why I have the proper prerequisites to teach you about sleep. I have done every sleep schedule and have tried many sleep schedules such as:

- Two all nighters in a row
- 54 hours of sleep in 3 days
- Stayed up for 3 hours later until I could do a full sleep cycle
- Tried to do a 36 hours awake than 12 hours of sleep
- Everything in between.

To be honest, this proves how unqualified I am to be telling you how to sleep, but I'm still going to give it to you anyways.

Disclaimer: The perfect sleep schedule varies for some people but this will work for the majority of people and highly recommend giving this a try.

The perfect sleep schedule

Each REM cycle lasts roughly 1.5 hours and it takes 15 minutes to sleep. So when planning your alarm, plan it to be 6.25 hours, 7.75 hours or 9.25 hours. The next step is to **ALWAYS ALWAYS WAKE UP AT THE SAME TIME.** It doesn't matter when you go to sleep, just make sure you always wake up at the same time.

For example this is what I try to do most days. I will go to sleep at 10:45 pm and wake up at 5 am. I will elaborate later on why I wake up at 5 am. When I started I was miserable but I forced myself to wake up. Now I don't need my alarm and I will always wake up at 5.

The "Why did I do an all nighter."



Now you must be thinking: Ridley this is cool and all but, I'm an engineers we can't always have a perfect sleep schedule. How do I manage an all nighter. Well lucky for you their are two options based on your schedule:

The first option is to take a 30 minute nap. It is essential that you do not sleep any longer. When you try to sleep longer you will start to go into one of your REM cycles and you will feel groggy and miserable for the rest of the day. I recommend a maximum of two 30 minute naps but you can have more. Just make sure you space them out. I find the best way is to have one every 3-6 hours if you find yourself falling asleep while doing work.

The second option is to have a 1.60 hour or 3.10 hour nap. This allows for either one or two REM cycles accordingly with a 5 minute gap to fall asleep. I expect after doing an all nighter you are probably exhausted so it will take you less time to fall asleep. Also don't sleep more because it will affect your next night significantly.

The most important thing to remember when taking a nap is to make sure you sleep the exact amount and DO NOT PRESS THE SNOOZE BUTTON. I put my phone on the other side of my room so I actually have to get up.

You got this. I believe in you.

But why is pulling an all-nighter so bad for you?



Many of you are probably trying to be the next Elon Musk. However, having less than two hours of sleep can really affect your health and cognitive thinking.

*Elon Musk does sleep 6 hours a day. When Tesla was going bankrupt and he only had weeks left he slept less than 10 hours a week. This is his new schedule:



Some bad effects from not sleeping:

 Losing sleep can impair your body's ability to fight off illness. This makes it easier to get sick.

Immune system:

- Researchers even uncovered a reciprocal relationship between sleep and your immune system. You may lose additional sleep while your body fights off a bug if you get sick and haven't had enough shut-eye.
- So less sleep can actually make you sleep more to recover.

Heart Problems:

• Both short sleep durations (less than 5 hours per night) and long sleep durations (9 or more hours per night) have been shown to have a negative impact on heart health.

EDITORIALS

My drug of choice is cheese

Cancer:

 Shortened sleep is associated with higher rates of breast cancer, colorectal cancer, and prostate cancer, according to the AASM's sleep statement

Brain Function:

- Even missing one night of sleep can lead to some major cognition (thinking) issues.
- Memory
- Decision-making
- Reasoning
- · Problem-solving worsened
- Reaction time
- Alertness.
- You're three times more likely to be involved in a car accident if you get 6 or fewer hours of sleep each night, according to the National Sleep Foundation.



If all of these health risks don't convince you to get more sleep, do it for your looks. In one study, a group of people between the ages of 30 and 50 were evaluated based on their sleep habits and the condition of their skin. The results revealed that those with too little sleep had more fine lines, wrinkles, uneven skin color, and marked looseness of the skin.

The poor sleepers were also more dissatisfied with their appearance than their well-rested counterparts.

Hence the term "Beauty sleep"



There have been studies proving that having a full night (7.5 hours - I wish to be honest) sleep will result in better grades.

In general, try to aim for at least seven hours of sleep the night before your test. Obviously, what exact amount of sleep feels good can vary depending on your own body and sleeping habits. While some students might need a solid eight or nine hours of sleep, others might do just fine on six hours.

Regardless, the point is to get as much sleep as you need to feel well rested and prepared for your test. An extra couple of hours of sleep can be more productive than studying.

Foods to eat before asleep:

Almonds.
Warm milk.
Kiwifruit.
Chamomile tea.
Walnuts.
Tart cherries.
Fatty fish.
Turkey

Foods to avoid before sleep:

Chocolate/coffee Cheese Curry Ice cream Chips

Basically avoid caffeine, sugar and oils. Side note. Did you know cheese has addictive properties? So don't get too addicted to cheese.



Things to avoid before going to sleep

• Watching exciting films.

For me I will actually watch "The Office," or "Brooklyn 99" to fall asleep. I'm kidding but avoid watching action, thriller or horror movies before going to sleep



- Electronic devices
- Serious Conversations

I have trouble with this. I like to call my friends at 3 am about "So Dimethyltryptamine releases a chemical in the brain that is only released during birth and death similar to the chemical released in nirvana. People are never the same and say their personality and mindset change after taking the drug. Does that mean another person may be born in the same body similar to a new soul within the same vessel."

Exercise

Work out at least 3 hours before going to sleep of you would like.

Avoid fights

This means all kinds but try not to get into a verbal argument.

Avoid smoking and drinking.

Some people like to smoke before sleeping but then you start relying on it too much.

I challenge you to try this for a week. You will notice insane differences.

Good luck with midterms!

The BLÅHAJ, a Cultural Phenomenon



Mya

The BLÅHAJ, a Cultural Phenomenon

In 2014, a new IKEA plush toy called BLÅHAJ soft toy, shark, 39 ¼" hit the waters. Its name even translates to "blue shark" because Sweden is a funny little country. Since Blåhaj's release, people around the world have become obsessed with this funny little IKEA shark. Floundering around IKEA, even I could not resist the call of the Haj and ended up buying 2 of them (their names are Chompy and Garlic Bread).





The subreddit r/blahaj, where members primarily share photos of their Hajs, has over 24,000 members at the time of writing. But that number is tiny compared to the amount of people who have posted photos of their aquatic friends on social media. TikTok "stars" and Instagram "influencers" have posted photos and videos of their Hajs with various poses and odd situations. Artists have also made fanart of their beloved Hajs and even a series of fruit-inspired Hajs have popped up. And before you ask, yes, people have turned Blåhaj into an anime girl. No, I will not show you. Don't look it up either, you filthy heathen.

Like all good things, capitalism is not far behind to profit on this trend. IKEA themselves are well aware of the love for Blåhaj and have begun to prominently feature them in store displays and advertisements. A cafe in Thailand has even taken to using Blahaj as a decoration piece.





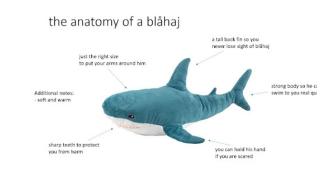
With the internet and my own room swimming with aquatic friends, one must wonder why, out of all of IKEA's many stuffed animals, has this one become so popular? Why not classics like Lilleplutt, Knorig, Brunbjorn, or even Djungelskog? The answer is simple: people want more positive shark representation in the media.

Think for a moment, what famous sharks are there in the media? I bet Lance Armstrong's remaining testicle you thought of the shark from JAWS, Bruce. Oh, didn't know his name was Bruce? That's because nobody ever got to know him and he's only portrayed as a blood-thirsty monster. There was also that shark that barfed up Jimmy Smith's left arm. The shark was killed after that, look up the "Australian Shark Murders" to learn more! Another piece of disrespectful shark media is the 2004 Academy Award nominated animated feature film Shark Tale, starring famous YouTuber Will Smith. This article isn't a movie review for Shark Tale but let me remind you that this movie was nominated for best feature film in a year when The Incredibled and Shrek 2 came out.

Another reason Haj has become so popular is because of its loveable face. With its large mouth, Haj's expression can change depending on what angle they're being photographed at. For the most part, Haj's expressions resemble that of Gudetama - a lazy egg yolk with some clappable cheeks - from Japan. Haj's expression borders on apathy and mild inconvenience making them very relatable.



Haj has seen a large resurgence in popularity since the beginning of the COVID 19 pandemic. The most likely explanation is that people were stuck home alone for a good few months and wanted something to cuddle with. What do you cuddle with when you don't have a partner or your cat hates you? You get the biggest stuffed animal you can find. The Costco teddy bear is bigger than Haj by quite a large degree but it's Haj's medium size which made them perfect for a snuggle on the couch as you watched Tiger King. Additionally, the Costco teddy bear is extremely expensive, too large to reasonably store in your 1bed 1bath apartment, and is extremely dependent on where your Costco is located.



I will never understand pop culture.

The one leg up that IKEA has on Costco is that IKEA's stock is always the same no matter where you visit. Sure, there will always be region-specific items but for the most part an IKEA in Vancouver will be very similar to an IKEA in Toronto. Costco works a bit differently, each store carries different stock which is available at different times. IKEA's readily available stock of plushies didn't create a large wait for people to get their hands on one and it helped extend Haj's hype. As people would spread the gospel of Haj, more and more people would flock to IKEA and get one. Those people would share photos of their Haj or tell their friends and it became a feedback loop.

Can we say Blåhaj has become a meme? Yes, I would say so. As double-dick Dawson has described, a meme is a unit of cultural transmission which can be replicated and changed easily. While pretty much every Haj is made in the exact same way, it's the Haj's owners who project their own thoughts, ideas, hobbies, and interests onto Haj. The whole reason Haj became so popular was because of users on social media platforms posting photos of their Hajs in whatever odd day-today situations they found fit. As previously stated, r/blahaj is a perfect breeding ground for people to learn about Haj therefore further potentiating the meme. Even before the founding of the subreddit, the Haj had found themselves a home on Tumblr where many users would post their Haj photos there. The famous photo of the boys holding the Haj in a Moscow metro while descending the escalators has become a meme itself which also gave Haj more exposure.



Has Blåhaj reached the status as a cultural figure? Yes, absolutely. Not only has IKEA found a new mascot and received tonnes of free publicity, it's become a symbol for the LGBTQA+ community. Why? I couldn't tell you. It's believed that the community's fascination began on Tumblr back in late 2014 to early 2015.



While Haj was released in 2014, it was discontinued in early 2015. After years of petitioning and harassing IKEA's twitter, Haj dove back into stores and people's hearts in mid 2018. Being able to retain internet notoriety for a solid 7 years is an achievement on its own. I would argue that Haj has carved out their own internet legacy that continues to grow.

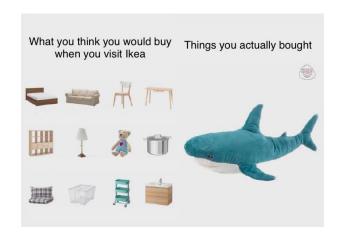
There are rumours circulating that the Haj is set for discontinuation in the UK and other European countries. But an email from IKEA's Global Press Officer Diana Lavrenova claims that there are "no plans to discontinue [BLÅHAJ] at any market so far." The email explains it's simply a supply issue due to the ongoing transport delays. So fear not, the beloved Haj will be here to stay for future generations of shark enthusiasts!

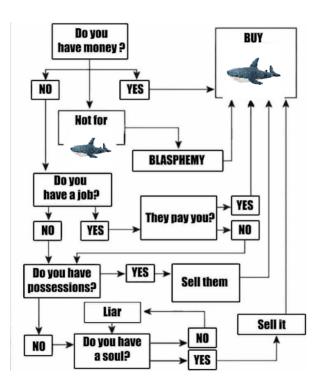
As a biology student totally legit engineering student, I appreciate the small details on Blahaj which are biologically accurate. For example, most sharks have 5-7 gill slits depending on the species. Haj themselves has 5 gill slits too! As for what type of shark Haj is based off, I believe it's safe to say they're based on the blue shark, duh. But there are some differences between a real blue shark and Haj. Blue sharks have quite a long snout but Haj's snout resembles that of a Great White shark. Haj is also missing the pelvic and anal fins but for some reason IKEA gave them a second dorsal fin. Unfortunately, Haj also does not have the multiple rows of teeth seen in real sharks, but this also means they're less likely to try and kill you.

I don't really have a conclusion for this, I just wanted to talk about Blahaj. This article was sponsored by IKEA, go buy yourself a Haj right now!

Just Buy It!







If you like these movie recomendations email Publications@cses.carleton.ca for more!

Movies of the month (and TV Show)



Moonrise Kingdom Adventure/Romance/Coming of Age

The year is 1965, and the residents of New Penzance, an island off the coast of New England, inhabit a community that seems untouched by some of the bad things going on in the rest of the world. Twelve-year-olds Sam (Jared Gilman) and Suzy (Kara Hayward) have fallen in love and decide to run away. But a violent storm is approaching the island, forcing a group of quirky adults (Bruce Willis, Edward Norton, Bill Murray) to mobilize a search party and find the youths before calamity strikes.

Wes Anderson is one of the best modern directors creating silly characters in an extreme world, the best example of this is in Moonrise Kingdom. Wes Anderson's style is so unique after the first minute



"What kind of bird are you?"



"I Love You But You Don't Know What You're Talking About"



Dune Advenure

Great movie but better book. Dennis Villeneuve became a filmmaker to make this movie and I believe he did it justice after Lynch's mess. I have nothing against Lynch but man. He oofed hard.

Paul Atreides, a brilliant and gifted young man born into a great destiny beyond his understanding, must travel to the most dangerous planet in the universe to ensure the future of his family and his people. As malevolent forces explode into conflict over the planet's exclusive supply of the most precious resource in existence-a commodity capable of unlocking humanity's greatest potential-only those who can conquer their fear will survive.



"I must not fear. Fear is the mind-killer. Fear is the little-death that brings total obliteration. I will face my fear. I will permit it to pass over me and through me. And when it has gone past I will turn the inner eye to see its path. Where the fear has gone there will be nothing. Only I will remain."



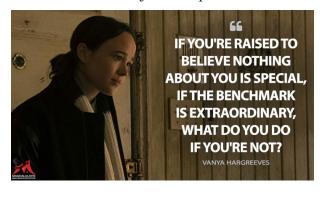


Umbrella Academy Adventure/Superhero

The titular team of The Umbrella Academy is described as a "dysfunctional family of superheroes". In the mid-20th century, at the instant of the finishing blow in a cosmic wrestling match, 43 superpowered infants are inexplicably born to random, unconnected women who showed no signs of pregnancy at the start of the day; it is hinted by a character implied to be God that they are collectively a modern-day incarnation of the Messiah. Sir Reginald Hargreeves, a.k.a. The Monocle, an extraterrestrial disguised as a famous entrepreneur, adopts seven of the children and prepares them to save the world from an unspecified threat as the Umbrella Academy. In Apocalypse Suite, the team disbands and falls out of contact until they meet on the news of Hargreeves' death, and subsequently reunite when one of their own numbers becomes a supervillain.



"You are just not special"



Good Luck at C-ENG-C.



CARLETON STUDENT ENGINEERING SOCIETY









SES @myCSES

myCSES.ca

NOVEMBER 2021 SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY 2 5 6 C ENG C **CMAS Research** CUE Highlight -Workshop #1 **Net-Zero by** 2050? **IEEE STS:** 9 7 8 10 11 12 13 **Emerging CSES & CU InS-Technologies CENGC** C ENG C #2 pace Simulink Workshop **CSCE Guest** Lecture #1 15 17 18 19 16 20 14 **CUx - Novem-Carleton University** Whirlwind **Green Energy** ber Connect C ENG C #2 **Symposium** CMAS Pitstop Challenge **CSCE Guest** 25 26 27 21 23 24 Lecture #2 **SCESoc Fall Semester Gener**al Meeting **CMAS Pitstop Challenge** 29 30 28 **CMAS Pitstop Challenge**



Okay this got dark quickly!



What set of items could you buy that would make the cashier the most uncomfortable?



Erdem Yanikomeroglu

A ski mask, a crowbar, and 27 bags of white flour



Ridley Singh

A black rug, 6 candles, 2 L of goat or pigs blood, white chalk, two wooden planks, a barbie doll, a suit, L'eau de toillette Dior Sauvaune cologne, 3 roses and a live goat.



Xavier Haziza

4 parts sugar, 6 parts salt peter



Mya

A baby doll, lube, and some rope.



Alex Barnett-Sheldon

Pineapple, Vaseline, car battery jump starter. Alternatively: (after limping to the checkout) Hacksaw, first aid kit, one single shoe.



Sydney Doucet

One almond at bulk barn

I don't see anyting wrong with two coffees?

What would be the worst "buy one get one free" sale of all time?



Erdem Yanikomeroglu

Buy one coffin, get one free



Ridley Singh

Either Marriage lawyer or Divorce lawyer



Corey Smith

Buy a fitness membership get free mcdonalds for a month.



Mya

Buy one book, get an exact copy of it for free!



Alex Barnett-Sheldon

A left shoe.



Sydney Doucet

Buy one get one free cremation

What would be the absolute worst name you could give your child?



Erdem Yanikomeroglu

Tuba (it's an actual Turkish name)



Ridley Singh

The worse names I've heard of:
A-A (Adasha)
Lee Lee Lee
Cam
Facebook



Corey Smith

Bob



Mya

Anything with only 3 letters in it



Alex Barnett-Sheldon

Goober.



Sydney Doucet

Humphrey, no question

Exec Speak

Hear what our execs have to say

What is the best part of CSES?



helping build the community



The Cameron Davis
Balloon



Ryan Campbell



Davis Moore

The best part of CSES for me is that it keeps me right in the action of the C-Eng community. As an exec I interact with tons of people in C-Eng and that allows be to keep up with all the interesting things happening within the community.

Meeting people, and



Maven Uyttewaal

All the lovely events

In my opinion the best part of CSES is the community that we're able to foster and build within Engineering. This is because if you only focus on engineering within your degree, you're going to graduate in 4-5 years, and it will feel as if you've done nothing with your time. By becoming a part of the community you gain relationships and fun experiences that you otherwise wouldn't. University is a unique time for everyone, and once you're out of it you won't be able to easily do it again, so make the most of it.



Alexandria MacDonald

The people



Nicholas Butler

It has to be the community that surrounds the society, all the lovely folks of C-Eng are what really keeps me coming back every year



The community, it seems like no matter where you go in Mackenzie there's always someone around to talk to, or say hi to in the halls

What sport would be the funniest to add a mandatory amount of alcohol to? Why?



Cam Davis

Bowling, hard to hurt yourself, but the bowling ball will go crazy



Nikita Yovchev



Ryan Campbell

Davis Moore

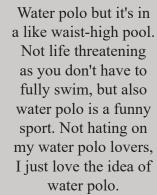
Basketball for sure.
This sport requires
some pretty wild depth
perception, a skill that
seemingly disappears
after a number of beverages.



Maven Uyttewaal

hurdling, not a single hurdle would stay upright.

A Triathlon





Alexandria MacDonald

Boxing, drunken brawl without the risk of bottles or people getting seriously hurt



Nicholas Butler

Curling, what could be better than drunk folk slip sliding on ice with heavy rocks.



Baillie Noell

Golf. A shot before every hole. Trying to hit a small hole with an even smaller ball will get significantly more difficult when you can't stand up straight

Exec Blurbs

It's November



PresidentCam Davis

Hey C-Eng! I hope your semester so far has been good! We're definitely reaching that point of the year where things really start to pick up, please make sure you take care of yourselves! As the President, October was primarily focused on the smooth operation of the society as well as doing the Leather Jacket sales, we ordered a total of 38 jackets! In November, you can expect the following from me: participation in the CSES Movember Shave - Off, the launch of the rebate system for Leather Jackets, more smooth operation of CSES and some great information on our year so far at FSGM. I hope you're looking forward to a great rest of the semester, if you ever have any questions or concerns please feel free to reach out at president@cses.carleton. ca.



VP Student Issues
Nikita Yovchev

Hello, Nikita back with some updates on things! All my directors have been hired and you'll start seeing a lot more content coming your way - the slides and resources for most of my events can be found on the resources part of the CSES website. Currently, we have a whole week of events planned for November that explore culture and diversity! Stay tuned for announcements from me and my directors as we work to make CSES more sustainable and inclusive!



VP External
Davis Moore

Howdy folks! The Boobies Team and I would like to say THANK YOU SO MUCH for your participation during October! We have one more evet on the 2nd of November, check out the CSES Facebook to learn more about it. As you may all know, November = Movember. Our beard Bois have some very special events planned for you including but not limited to the Shave Off Auction (Nov 1st) and the Patch Auction (Nov 17th). This year's Movember Campaign will also see the return of the hit series "Baking with the Beard Bois" (back after popular demand)! Another thing to keep in mind for November is the C-Eng Hockey Team's start to the season! Keep posted on the ME3300 Block Discord for games times. Lastly, applications for the Canadian Engineering Leadership Conference 2021 (CELC 2021) will be opening within the first 2 weeks of November, that's a conference you won't want to miss!



VP FinanceMaven Uyttewaal

Hoi C-Eng! I hope you all got some much needed rest this past week. Since the beginning of September I've been working on getting my team of directors set up. We (SGF Director and Jr SGF Director, Matt and Richa) have been working to get SGF officially underway, the application period has closed and we are starting the funding allocation process!! I've been working closely with my Assistant Finance (Zahira) on a number of tasks including getting the process for E-Transfers nailed down. Finally, I have been working with my Financial Seminar Director (Chris) to get topics for upcoming seminars set up, so keep your eyes peeled for any announcements. I wish you all an uneventful midterm season and if you have any finance related questions or issues please reach out to me at finance@cses.carleton.ca!



VP Internal Ryan Campbell

You better have taken some time off to relax during the reading week. If you didn't this is where you're really going to start feeling it. While work is important to do during the week as well to make sure that you come back in November feeling like a million bucks, without some R&R you'll want school to end a week in. From me this November you can expect our Fall Semester General Meeting, our HYO Ring Day form, and more to come. Make sure you stay up to date with CSES to see what we've got coming your way.



VP SocialNick Butler

Howdy folks, I hope you had a good restful reading week. This month will be one of the biggest for social events this term so now that all of us are done (or soon to be done) our midterms it's a perfect month to get out and get involved! This month we have not only Whirlwind our C-Eng semi formal (come out to FSGM for the theme announcement) but also fall charity lan where you can come out and stay up all night ignoring any responsibility you have and gaming instead. Be sure to keep an eye out for other events on our social media!



Alexandria MacDonald

Hey C-eng, hope you had a great reading week! Last week the order for the Fall C-eng sweaters concluded! If you missed out, not to worry, there will be another release with new colours in late January. Later this month you will see a form for Feedback and New Merch ideas coming your way. I want to hear what you think should be made or improved upon. Along with this, there will be a contest to redesign the C-eng



Hi friends, I hope you had a great Reading Week! November is a crazy busy month for me, an I have a lot of great things coming up. C-Eng-C is finally upon us, with our first set of competitions happening the weekend of November 6th and 7th and Jr and Sr Design taking place (on campus!) on November 14th! I also have more Academic Workshops planned, starting with our Simulink workshop hosted with CU InSpace on November 9th. Stay tuned for more workshops coming later in the month as well. I hope you all have a great November!

Horoscope



This month you will accidentally read a climate report and decide to move to BC to defend the old growth forests only to remember that you can't live without heat or quality food so you keep emitting just as much CO2 as before but now you're depressed



THE UNITED STATES OF AMERICA IS THE WORLD'S LARGEST TERRORIST ORGANIZATION



THIS MONTH YOU WILL DECIDE TO START GOING TO THE GYM, GO THREE TIMES, THEN GO TO MACDONALDS AND GET A JUNIOR CHICKEN, A MCDOUBLE, LARGE FRIES, AND THEN CRY



THE PIPER PA-18 SUPER CUB IS A TWO-SEAT, SINGLE-ENGINE MONOPLANE. INTRODUCED IN 1949 BY PIPER AIRCRAFT, IT WAS DEVELOPED FROM THE PIPER PA-11, AND TRACES ITS LINEAGE BACK THROUGH THE J-3 TO THE TAYLOR E-2 CUB OF THE 1930s. IN CLOSE TO 40 YEARS OF PRODUCTION, OVER 10,000 [1] WERE BUILT. SUPER CUBS ARE COMMONLY FOUND IN ROLES SUCH AS BUSH FLYING, BANNER TOWING AND GLIDER TOWING.



Leo

THE STARS ARE TELLING YOU TO BUY A BELLE DELPHINE TITTY MOUSEPAD



TOOTHBRUSH



THIS MONTH IS GOING TO FEEL LIKE THE SECOND HALF OF A BOWL OF KRAFT DINNER, WHICH IS TO SAY THAT YOU'LL BE SATISFIED AT THE BEGINNING BUT BEGGING FOR ESCAPE BY THE END.



... You don't want to know



Sagittarius

H T T P S : // W W W . Y O U T U B E . C O M / WAT C H ? V = I M C O U Z Y 2 I H O & A B _ CHANNEL=SNAPCUBE



THIS MONTH YOUR PROFESSOR WILL DIVIDE THEIR BRIGHTSPACE INTO AN ORGANIZATION SO CONVOLUTED THAT IT MAKES THE SCHRODINGER WAVE EQUATION LOOK ENTIRELY REASONABLE IN COMPARISON.



This month you will get very interested in the history of the struggle for independence in South America.



This month you are going to have a great time

The carleton student engineering newspaper

LAST CALL

IRON LEGENDS

THE IRON LADY

Nikita Yovchev

- BMED ELEC III -

Hailing from?

Ottawa ON

Best Feature?

My ankles (feet elbows)

Worst Nightmare:

Pilk

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

Anything from Tik Tok, it will stay in there forever.

What is your deepest darkest secret?

I eat KitKats by biting into the whole thing

What is the best muffin at Leo's

Carrot

C-ENG involvement:

SCESoc President, VP Student Issues of CSES



THE IRON MAN Erdem Yanikomeroglu

- COMP SYS V -

Hailing from?

Ottawa

Best Feature?

I'm very good at picking up hobbies that I forget about after a few weeks (archery, guitar, cosplay, arduino, etc.)

Worst Nightmare?

Cleaning out my cmail inbox after being on co-op for a year

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

The witch doctor song, especially the "ooh eeh ooh ah ah" part

What is your deepest darkest secret?

I still dab (don't ask)

C-ENG involvement:

2nd Year: IEEE SPAC Marketing Director, Engfrosh Facil

3rd Year: IEEE Carleton Competition Director, C-Eng Musical Cast, Leo's

Volunteer, Gong Show Co-Host, Engfrosh Facil

4th Year: IEEE Carleton Co-Vice Chair, CSES Comp Sys Rep, C-Eng Mu-

sical Cast, Leo's Volunteer, Engfrosh Facil

5th Year: IEEE Carleton Chair, Engfrosh Head

Special Thanks To:

All the people who submit articles and C-Eng Speaks to the Iron Times!

- Footnotes -

Issue Made Possible By:

USES for the

CHARLATAN

>Use it to soak up the

reading the Charlatan

poor contraception

vomit you throw up after

> Use it as an example of

>Throw it all in the ocean to make a new continent

>Make paper boats to

prepare for rising sea

>Whatever you do, just

levels

>help

don't read it

> crunch

- 1. Power Puff Girls
- 2. Rock Paper Scissor Assossia-
- 3. Ryan Gosling





Ridley Singh

Editor-in-Chief

The giraffe from hangover III

Publication Coordinator

Pain will leave once it's finished teaching you