

THE IRON TIMES

The Most Important Musical Rankings You'll Ever See



Rachel and Miranda (feat. input from members of the C-eng musical)

Top 10 Musicals That Premiered During A Leap Year

- 10. Phantom Of The Opera
- 9. Les Miserables
- 8. Rent
- 7. Groundhog Day
- 6. The Prom
- 5. Clinton: The Musical
- 4. Falsettos
- 3. Newsies
- 2. Shrek The Musical
- 1. The Book of C-Eng (#goseethemusical #march-6thand7th #goosethemusical)

Top 5 Performances By Brian D'Arcy James:

- 5. Hamilton
- 4. Spotlight
- 3. 13 Reasons Why
- 2. Something Rotten
- 1. Shrek The Musical

Top 5 Musical Albums Featuring a Song Called Story of My Life:

- 5. Headed For The Future by Neil Diamond
- 4. Have a Nice Day by Bon Jovi
- 3. Midnight Memories by One Direction
- 2. Glee: The Music by Glee Cast
- 1. Shrek The Musical by The Original Broadway Cast of Shrek The Musical

Top 2 Musicals Featuring Cast Performing On Their Knees:

- 2. Peter Pan
- 1. Shrek The Musical

Top 5 Musicals Featuring Green Characters:

- 5. Avenue Q
- 4. The Wizard of Oz
- 3. Beetlejuice The Musical
- 2. Wicked
- 1. Shrek The Musical

Top 5 Productions Featuring Donkeys:

- 5. Pinocchio
- 4. Midsummer Nights Dream
- 3. Jesus Christ Superstar

2. The Donkey Show

- 1. Shrek The Musical

Top 2 Musicals Featuring Tap Dancing Rats:

- 2. Cats (The Movie Musical)
- 1. Shrek The Musical

Top 2 Musicals Featuring Farts:

- 2. The Fartiste
- 1. Shrek The Musical

Top 4 Musicals Featuring A Romantic Interspecies Relationship:

- 4. The Lightning Thief: The Percy Jackson Musical
- 3. Beauty and The Beast
- 2. The Little Mermaid
- 1. Shrek The Musical

Top 4 Musicals Featuring Dirt (Like Actually On Stage):

- 4. PITS! The Unauthorized Holes Musical
- 3. Dude (The Highway Life)
- 2. Once on This Island
- 1. Shrek The Musical

READ ON, I DARE YOU

HSM2 THE LEGENDARY TALE

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ENGINEERING CAREERS

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CSCE UPDATE

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SOOPP FOR THE SOUL

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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

The word for this month is <-

Exciteable

From the Desk of the^Editor



Andy Curtis
- AERO C IV -

MARCH,

MADNESS AND

MUSICALS

After seeing all the Iron Times articles that I've written this year you may begin to think to yourself, "Why do all the theme's match perfectly to what you are going to write Andy?" And to you my diligent readers I say good work, you've solved the age long mystery about how I pick the theme, I write the article first, and then pick theme! Who would've known, that by writing the articles in advance, I don't have to worry about it as it approaches the due date which is nice! So, this month's theme is "March, Madness and Musicals", those same observant people may notice the lack of the oxford comma which, although it is useful, is the way that people in English majors prove they are smart! But the lack of oxford comma in this case is intentional because I want to say that March for me is going to be a month of Madness and musicals, there's so much to do for the musical in such a small amount of time that it's crazy! But, what sometimes people tend to forget are the sweet memories that go along with March.

So, to start, the first thing that I always think of when people mention March is the Madness. By this I don't mean the busy schedule of the month or the theory that I'm going insane. I mean the basketball. College basketball is some of the best basketball that is available on television. Don't get me wrong, "We The North" was a great

experience but nothing will beat the competitive nature and intense basketball of March Madness. The experience has intense sentimental value for me as well. It's something my dad and I used to watch because in the spring we didn't need to chop as much wood for the fireplace that used to heat my house. It has a lot of positive memories associated with it, I used to cuddle up on the couch under my warm blanket near the fireplace and just relax and watch. For context this was one of the few moments in my house where everything was at peace. I would pour my dad a glass of rye and he would pass out on the couch to the sounds of Kansas scraping by against Purdue. I would sit and watch in amazement as my favourite team Baylor made it all the way to the finals for the first time then followed later by a win in the finals in 2013! In the more recent years of March Madness I would watch the game with some of my dad's basketball friends and those social memories stick with me to this day. Honestly, it's something that I miss in university, it used to be a tradition for when the games were on. I might start watching

again this year and see if I can finally master the art of the perfect bracket.

The second type of madness that people experience in March is the madness of all their schoolwork culminating and extracurriculars coming to a finale. For me this always means one heck of a busy March with a real edge of excitement on my face :) (Also the dread of exams approaching, but I'm on co-op this year so that is non-existent). For others this means that they will be stressed beyond belief. Something to remind yourself is that the people around you are there to support you through whatever struggle you might be experiencing. I myself am not one that is known for being very well-spoken, but I can still relate to a lot of experiences that people are going through so if you ever are having trouble, don't be afraid to reach out!

This month is very near and dear to my heart for one more reason. That reason is the C-Eng Musical!!! This year the musical is taking place on March 6th and 7th and is based off the Book of Mormon. The musical is one of those events that for me is so hard to describe with

an unbiased point of view because it is the "Ever favorite object of my heart". It is the spirit in my life which drives all my other passions to fruition with the promise of a wonderful community of people surrounding it and in it. If you are looking for something to do on these days, look no further than the must-see musical that continually reminds me why I love this community so much. I would like to take this time to thank all the people who have inspired me over the years to continue trying to be better than I currently am, because without all of you I wouldn't be where I am. These small contributions may be as simple as having told me something once upon a time or keeping me sane in times when my life was insane. So thank you, and please come see the musical! We put a lot of effort into this and are very happy with the final production!

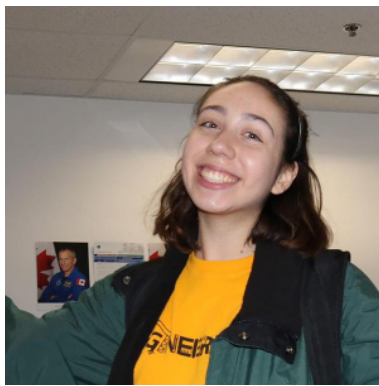
Thank you to everyone who made it to this point in the article! I like it when people tell me that they have read my stuff. Makes me proud of my work! That's it from me! Talk to you next month!

P.S. Holy crap there's only one month left...

EDITORIALS

VP Pubs? Haven't even heard of that position before

HSM2, The Legendary Tale



Keely Gibb
- AERO D IV -

Finally. The time has come for me to devote my monthly article to an in depth analysis of my favourite musical. Thank you, Andy, for this fantastic theme: March, Madness and Musicals - I didn't even know you liked musicals!

It all began at a ski lodge on New Year's Eve. We're introduced to our protagonists, Troy and Gabriella. I'm sure many of you are familiar with this legendary tale, but if not, let me summarize for you: winter musical, lunkhead basketball man, freaky genius girl, and sticking to the status quo. You may remember the fun characters, catchy bops, and artfully crafted script. Yes, Disney's High School Musical was a phenomenal work of art, but in the grand scheme of the HSM universe, it was just setting the scene.

High School Musical. 2. According to Wikipedia, this made-for-TV-movie crushed previous records. The premiere broadcast had over 17 million viewers and still holds this record for Disney Channel. HSM2 was not just an over popularized children's film. Today I will be discussing some crucial elements of this movie that set it apart from others of its kind. The HSM franchise treats its viewers kindly by not underestimating their intelligence. The writers don't shy away from quick, memorable dialogue, the story line is logical and rooted in reality, and valuable lessons

act as the backbone of the entire premise.

Let's talk about the characters. We're given nearly all of the same characters as the first film, plus a few valuable additions. Troy, Gabriella, Sharpay and the whole gang are given a chance to expand upon their rather one dimensional characters from the first film. In HSM1 the main struggle Troy and Gabriella experience is breaking the social norms of high school cliques. This conflict is resolved by the end of the movie, and in HSM2 their struggles have more gravitas. Troy has to start considering his future. We observe his internal struggles working at his summer job, maintaining his relationship with Gabriella, considering different colleges and strengthening his network within the basketball circle. Gabriella is focused on having a fun summer with her friends, and understandably has difficulties when Troy drifts from their friends while he's torn between commitments. Sharpay is really hellbent on performing with Troy, showers him with the promise of a good income and connections with the basketball recruiters, and sabotages the rest of the Wildcats. She's ambitious, even if it's not quite admirable. Ryan goes through the most changes in this film, as he is discarded by Sharpay and makes friendships with the Wildcats. We are given the opportunity to see that his ambitions do not necessarily align with his sister's; he is passionate about performing and would rather befriend those with similar mindsets, even if they didn't get along before. He's singing a very different tune compared to HSM1, where Gabriella and Troy were enemies of the twins. HSM2 really takes the characters from the first movie, then tosses them in the air and lets the momentum of the story take them.



Like I mentioned earlier, a highlight of this movie to me is the more "real world" problems the characters face. Yes, they're all kids who are working at a country club for the summer and things are generally very chipper. What I'm talking about is that gut wrenching Gotta Go My Own Way scene, and its equally powerful counterpart, Bet On It. I get shivers. Troy is torn back and forth between his friends, his relationship, his job, his future, and ultimately, himself. The breaking point when Gabriella leaves is the last straw that invokes him to take charge of his summer. Troy is framed in such a negative light and loses the respect of his friends due to many circumstances that he is thrown into or feels pressured into. Where can we place the blame, when there is no single, defined challenge, but rather a variety of factors? He's looking out for himself, which is justifiable. The situation accumulates to such a point that he cannot recognize his own values. Troy Bolton is the very definition of a literary hero. To have the main character of a children's show go through such a realistic scenario and emerge with a genuine sense of identity, it's just *chef's kiss*.

Now that we all know the underlying story of HSM2 is somewhere on the level of Shakespearian, let's talk about

the more obvious reason this musical slaps. The music. Does You Are The Music In Me not just make you tear up? The Sharpay version makes me feel invincible. Fabulous? That song is SO quotable and iconic. I think of it whenever I think of iced tea, towels, or Turkey. But don't get me started on I Don't Dance - that was a game changer. Just a couple a guys bein' dudes, not a single phone in sight, dancing on a baseball diamond. Ingenious. We love challenging norms!

There are so many other things I love about it. The terrible CGI reflection of Troy in the pond during Bet On It, the Miley Cyrus cameo, the fact that you can shout "What time is it?" and someone is almost guaranteed to respond with "Summer time!" That is the impact of HSM2. It transcends the limitations of time and space.

I could deliver a full video essay discussing the depth and value of this movie. If you are as big of an HSM fan as I am, I implore you to be vocal about it. Sign the songs, quote the lines, go dance in a baseball diamond, get yourself one of those T (as in Troy?) necklaces. And of course, stay fabulous.



COLUMNS

Corner? More like full page <3

Caroline's Culture Corner

CATS: The Perils of Movie Adaptations and a Defense of Bad Film



Caroline Lenarcic
- AERO C IV -



Despite my intentions, I've found myself drawn into the fabulous world of musical fandom. From my theatre major high school friend (shameless plug: catch her performing in Oh Canada Eh at the RA Centre this summer!) to the band nerds I met in university, I've long been surrounded by enthusiasts of the art form who have shared their treasured musical masterpieces with me.

Musicals are a unique medium because of how they lend themselves to spectacle. Watching performers transform the stage into a variety of unique worlds requires a certain suspension of disbelief from viewers, but getting lost in that magic is precisely what makes watching musicals so much fun.

Translating that magic to the screen is no easy feat. Many have tried and failed. Certain set transitions that are necessary to making a stage production flow from one scene to the next just appear campy and bizarre in a fully produced film (think of how a swath of candles emerging from a swampy sewer in the stage production of Phantom of the Opera looked versus how those same magic candles looked in Joel Schumacher's movie adaptation).

Perhaps nowhere has this been criticized more ferociously than in Cats. That's right, the movie that everyone loves to hate, the

bane of late 2019 film critics. With a 20% score on Rotten Tomatoes, a box office loss of \$70 million, and scores of scathing reviews written about the film, never before had the Internet so hated anything feline-related.

As I did with The Emoji Movie, I paid my hard-earned money to experience the show in theatres. Unlike with The Emoji Movie, I am not ashamed to admit it. I had an enormous amount of fun watching Cats. The theatre was nearly empty, it was a cold January night after a long day of work, and I watched in awe as the freaky humanoid creatures on screen danced and sang and were Jason Derulo.

Speaking of freaky humanoid creatures, I should address the main criticism of the film: that the CGI fur hastily superimposed on the actors' writhing bodies made the movie absolutely unbearable. And that's where you can see the perils of adapting a stage production for

the screen; we were much more willing to suspend our disbelief and enjoy costumed cats on a stage than we were to watch a hyper-realistic, uncanny-valley computer generated atrocity. We are accustomed to film being a medium of realism, and this expectation did no favours to Cats. And when your story is really not much of a story at all (For those unfamiliar, Cats has no plot. Adapted from a series of poems, the musical numbers are just a series of goofy cats introducing themselves.) and the visual effects disappoint, what else is there to love?

I argue that you should love Cats despite the critics' consensus. It is downright fun to give bad films a chance, to close your critical eye and enjoy Cats for what it is: a spectacle. There remains a great display of talent in this movie. The dancers will take your breath away, Jennifer Hudson's voice will move you, and Jason Derulo is fully Derulo-ing out! The campiness is

so much fun too; the songs are silly and Taylor Swift tries so very hard with her British accent. I have to admit I did not stop smiling throughout the duration of the film.

In our world of streaming services, the amount of certifiably "good" content available is overwhelming, creating a pressure for us to use our precious time wisely when choosing something to watch. I get a lot of heat for not having seen the classics and choosing instead to subsist on cinematic garbage, but film is meant to be entertainment. You don't have to watch Cats just to see how bad it really is, or get drunk or high to watch it. You're allowed to enjoy it. I know I did.

I will always defend one's right to enjoy a bad movie. There are enough things in this world we'll do because we have to. Let's keep movie-watching something we do because we want to.

COLUMNS

Love it when collaboration is put into action

Non-traditional Engineering Careers - In Lieu of National Engineering Month



Maddy Hamill
- BIOMED MECH II -



Ben Hinchliffe
- ELEC III -

I'm not sure if anyone else ever gets the question: "What do you plan on doing after you graduate with your engineering degree?" But we happen to get that question a lot. We often find ourselves not really sure how to answer the question, as most of the time we aren't really sure ourselves. We all get that moment of panic where we question what we're ACTUALLY going to do and it feels like we have so many but so little options all at once. After attending the ESSCO AGM panel on Non-Traditional Engineering Careers we came to realize that anything is possible with an engineering degree.

One of the first speakers, Kevin Shipley, graduated with a mechanical engineering degree from Western University. He worked a couple engineering jobs during his schooling, and came to the realization "This ain't it, coach." He then went on to law school, because getting his ass kicked in by engineering just wasn't enough for him. He currently works as a lawyer and a patent agent, allowing people to protect their intellectual property. He still

utilizes the engineering teachings that he learned to better understand the patents he helps his clients create.

The next speaker was Paul Okrutny. He currently works part-time as a forensic engineer, investigating why things fail and helping to assess who was at fault in cases like a bridge breaking. In his spare time he counts chickens. Rather, he tracks chickens. He and a friend made a startup that would help to create a record to trace where chicken meat came from and where it goes to. For example, if a grocery store has a recall on chicken because some of it is bad, it goes from every person who bought chicken tossing it away to the select chicken buyers being notified to toss it away. One of Paul's major things that he has done has been a bunch of entrepreneurship and startups. He and a friend started a company that works with Voice Over Internet Proxy (VoIP), for anyone unfamiliar: phone calls using the internet. Apparently his company went on to be "quite successful" but he left it to explore other stuff and invested money

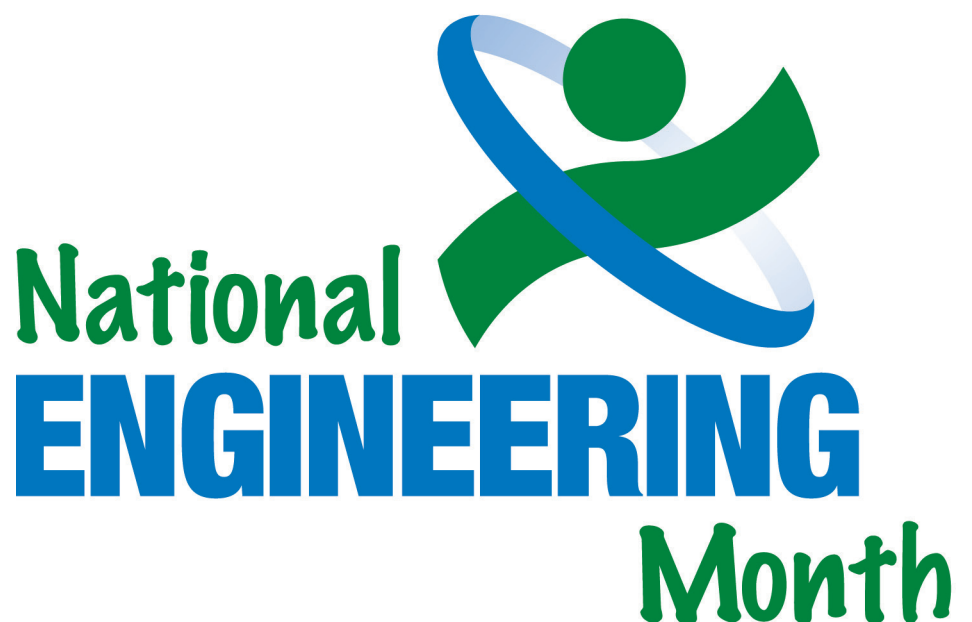
in it while his friend supervised it. The company also apparently is filing for bankruptcy. That wasn't even the last startup he helped with either! The last one we learned about was an app he helped work on that lets homeowners do small inspections with guidance on things to look for through the app. Finally, Paul also commented on needing more LinkedIn followers, so if you're curious about him, give www.linkedin.com/in/paulokrutny/ a gander.

The final speaker currently works as a midwife. Evelyne Russel worked in land development and municipal design. After quite a few years in that field of work she decided she wanted to give off BME (big midwife energy) instead of BEE (big engineer energy). Evelyne is currently completing a midwifery program in Toronto.

One of the questions the full

group received was whether or not they all wear their iron rings still. Kevin and Paul both still do despite not working in the field because the ring is more than just "I'm an engineer". It's the promise to always do the best you can and keep the public safe, which everyone is able to do no matter what profession they end up pursuing. On the other hand, Evelyne doesn't wear the ring. She was concerned about, and we quote "losing it inside someone mid-delivery."

So at the end of the day answering the question: "What do you plan on doing after you graduate?" with an "I'm not really sure, there's all sorts of things that I can do with an engineering degree!" is a great answer. The three speakers at the panel we attended probably couldn't answer the question either, or their answers were wildly different from what they are doing now.





COLUMNS

EXTREME thank you to those who actually linked a photo



“What do you associate with March?”

Spencer Carlyle
AERO D IV



Next week will be better...
right?

Kahini Dhoat
MECH II

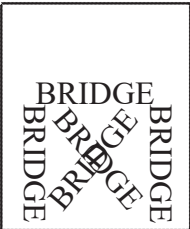


International
women's day

BRidge

St. Patrick's Day

Bridge Bridge
BRIDGE π



Hannah Carton
ENVIRO V



Alex Miller
ARCH D III



March break (but now
it's in February so noth-
ing I guess :p)

Reem Dawoud
CIVIL V



Middle Eastern Mother's day!

My Birthday

Jordan Kleine
CIVIL IV



Joshua Bertram
BIOMED MECH II



Everyone thinking spring
will come but it never does

Alex Stevens
CIVE IV



In like a
lion, pit like
a lamb

A bunch of military
dudes going for a
walk.

Gabriel Sanna
ENG PHYS III



COLUMNS

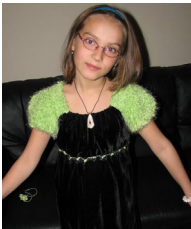


Teo, the * with an ending " bothers me

VAP. Lookin forward to hanging out with y'all



Nicholas Butler
MECH II

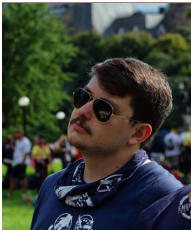


Teo Blidaru
BIOMED ELEC V

*Metallic clinking slowly getting louder and louder"
RING DAAAAAAAAYYY

Melting snow

Erdem Yanikomeroglu
COMP SYS III



ALMOST SUMMER
(but also almost exams...
ahhhhh)



Davis Moore
ACSE II

Depression and
St Patrick's Day



Katie Miller
BIOMED ELEC ??

Meat Mash



Eric Williamson
MECH V

crunch time



Henri Cheung
SYSC VI

Pie Day!.....wait.....sorry? It's Pi Day?
No, I'm pretty sure it's Pie Day.



Daniel Shifman
COMP SCI/MATH/PHYS IV

Caroline Lenarcic
AERO C IV

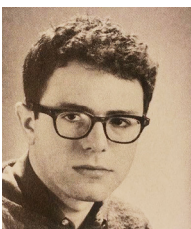


Someone I used to know said he loved that his birthday was March 4th because "march forth" is a command... I think about that a lot...

Maddy Hamill
BIOMED MECH II



Jim Borden
N/A N/A



The end of winter, lots of puddles, and seeing the sun again for the first time in decades.

Gabriel Karam
CIVE IV



Pi Day!

March

“What's your favourite sports moment?”

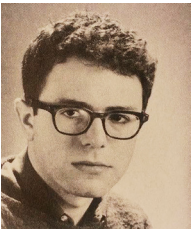


Hockey goalie fights

What's a sport?



Gotta be bridge



Sorry I don't sport



Baseball fights.
Any one.



BRIDGE
BRIDGE
BRIDGE

When the object enters the location and the score increments



COLUMNS

Gravity Falls is a great show!



Fastpitch Softball.
Always.



Mountain
Biking



The part where the
game is over and
my parents change
the channel.



Team Canada and
the Olympic winning
goal



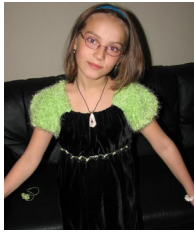
When the sports
team shoots the puck
into the basket and
gets a touchdown.



Watching Tessa Virtue and
Scott Moir win Ice Dance
Gold at Pyeongchang 2018



Fifa 2014.
Germany vs.
Brazil.
7-1.



Nadia Comăneci getting
a perfect gymnastic score
at the Montreal Olympics

Watching Canada win the
gold medal hockey game
at school for the 2014
olympics



When 9 year old me got my
first hockey goal when I
tripped in front of the net and
accidentally hit the puck in
while falling



When you're dancing
in musical front and
center and you kick
at the wrong time

Some poor guy on the
Czech team sitting in
the penalty box for 15
minutes during the world
juniors this year



The one in which I'm
not exerting myself



The C-Eng coaches tear-
ing up intramural hockey
last Friday



When the Flyers
introduced Gritty



Je ne sais
pas...



“What musical/music do you like to listen to?”



Bridge

Strictly 1700s sea
shanties



Classic Rock

Hamilton and
K-pop



Everything minus
skrillex and dubstep



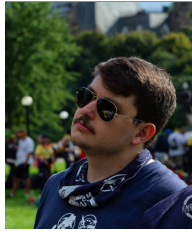
COLUMNS

Love me some music!

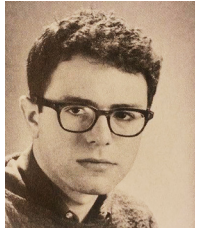
Musicals:
whatever
Andy listens
to. Music:
everything!



Anything
groovy



Recently I've
been listening
to Frozen 2 non
stop (sorry not
sorry)



Good music



The Mean Girls
musical slaps tbh



Rock/alt rock (Arkells,
Glorious Sons, Lord Hu-
ron, etc)



Alternative Rock



Big fan of
ween



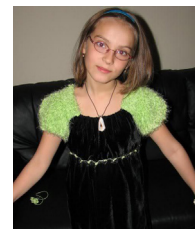
All of themmmm (or
at least any that tell me
the story without having
seen the whole play)



Hamilton is my favourite
musical by far, but the C-Eng
musical is also lit

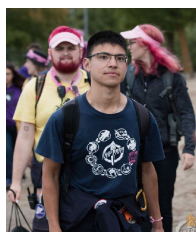


It's either 80s ballads or
Abba all the way!!!!



This cool guy named
Noah Pacheco has a new
album that's just come
out. Also GRAE

Come From Away



Pretty much
anything!

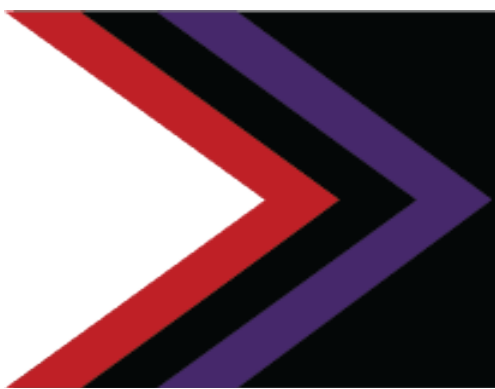
Whatever genre Justice
is and pop punk

Les Mis, Hamilton,
Phantom.....did you know
there's a Groundhog Day
the Musical? It's actually
pretty good too!

SKA always.



What year is Katie?



SOCIETIES

CSCE, one of the corners of the 3300 Block!

CSCE CARLETON CHAPTER UPDATE - JANUARY

We hope you enjoyed your winter reading week and are surviving midterm season. CSCE has planned a tour to the M CON facility in Carp, Ontario for the morning of Tuesday March 10th. M CON is a concrete precast facility that manufactures and pre-fabricates concrete infrastructure. The Carp location specifically supplies for the Eastern, Central, and Northern regions of Ontario. M CON Products innovative infrastructure products including circular and ellip-

tical concrete pipe, circular and box maintenance holes, catch-basin, highway barriers, box culverts, oil grit separators, gravity retaining wall system as well as many more items. This event will be a guided tour through the manufacturing process of their products followed by a presentation. If you are interested in this tour, please stop by CSCE (ME3379) to ask one of our council members or send us an email at Carleton.csce@gmail.com. We hope to see you there!

Our Winter General Meeting will be held on Thursday March 12th where we will update members on our progress throughout the winter semester. Shortly after that, nominations and elections for the 2020/2021 executive council will be occurring, so keep an eye out if you're interested in a position! More information will be posted on our Facebook page (CSCE Carleton Student Chapter). Good luck with the last couple of months of the school year!



THE GREAT NORTHERN CONCRETE TOBOGGAN RACE (GNCTR)



Jessica Thorne
- ENVIRO III -

Hello Friends! My name is Jessica, and I am the Enviro Rep for CSCE. Last month, Jaedon wrote about his passion for accessibility in building design. This time around, I will be talking about the incredible experience I gained as one of the captains for GNCTR, the Great Northern Concrete Toboggan Race and hopefully encourage you to explore the wonderful world of engineering competitions offered at Carleton.

For those of you who are new to Tbogg and confused as to why the words "Concrete" and "Toboggan" appear in the same sentence, I will explain. GNCTR is the longest running engineering competition in Canada; the goal is to design a

toboggan with a roll cage and concrete running surfaces that can seat 5 people. The toboggan must also have a working braking and steering system. The toboggans are then faced with the snowy slope they must race down. This competition runs annually against schools from across the country (and one team from the US).

At the end of January, 25 Carleton team members made their way to the competition taking place in Toronto, where we met up with 20 other schools. As a captain who was responsible for overseeing the entire project, my job started much earlier. In April 2019, my co-captain, Stewart McLean, and I had to start by selecting the sub-captains that would be charged with designing the metal superstructure, steering, braking, concrete ski, team theme and costumes. We also had to select a sponsorship captain to assure we would raise enough funds to cover the costs of design, construction, accommodation and travel.

Over the following 9 months leading up to competition, we worked with the sub-captains and other team members

to bring to life our very own Tbogg. We ran calculations on the AutoCAD designs of our toboggan, ordered materials, and conducted testing for our concrete mixes. For the spirit component, we designed everything to fit the theme "Sharkcrete" a pun on "shark week" and "shotcrete", including our technical presentation display. I also gained experience in technical report writing, as we had to submit a safety report and technical report to the organizing committee.

The most important thing I learned while working with this team was to never give up. As much as we would have loved to stick to the original plan, the saying "everything that can go wrong, will go wrong" was not uncommon throughout our design process. The most stressful moments took place at the competition; after tirelessly working to fix our steering the previous day, we made our way to racing hill in Snow Valley. As the Safety Committee is giving us the ok to race, we pick up our toboggan and the epoxy on one of our front skis fails. At that moment, we could have given up and accepted we would not be able to make it

down the hill for the 3rd year in a row. However, this team has no quit in them - we decided to make a quick Home Depot run to collect the necessary parts for drilling and bolting our ski on. And guess what? We were one of the 10 teams that made it down the hill!

Working with this amazing team of students was an incredible learning experience for me. I developed my leadership skills, practiced working with a team and gained some valuable project management experience. GNCTR is one of the most fun and rewarding experiences I have had throughout my undergrad. It has given me the opportunity to travel and make friends across the country.

If you are still reading this and want to find out more about Tbogg, feel free to reach out to either me or next year's captains, Jeremy Ringuette and Sean Gormley. If you think you would like to be a sub-captain next year, keep an eye out on flight suits! Best wishes and don't forget... You make my dreams come true (Do Do Do Do Do) :)

COLUMNS

When's this picture from?



Well, it's that time of year. March MaDness. The month where everything is dUe and yet for Some reason, There arE two events every Damn week. EspeCially with exams arOund the corNer. Try to Find tIme foR yourself, MaybE? GooD luck out there, homies.



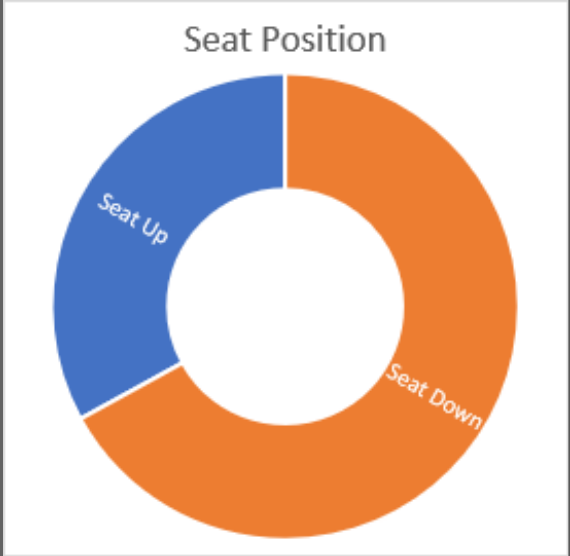
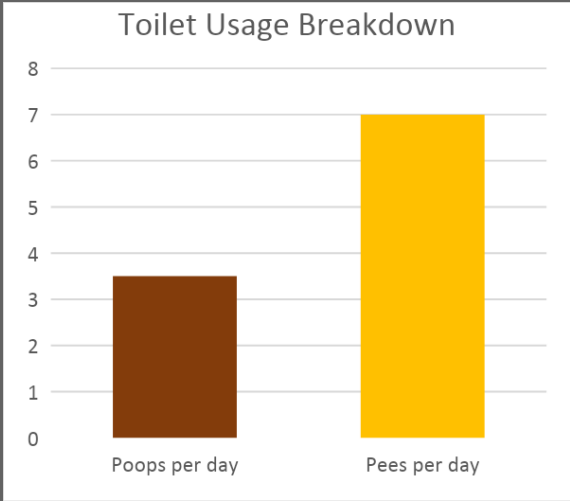
Brotha Natalie Smith

In light of the current political climate there are many pressing issues divid-ing society today. Climate change, immigration, mental health, women's rights, global relations, racism, LGBTQ rights, but chief among these contro-versies: toilet seats. Picture this: it's late, you've just started falling asleep, when suddenly, you get the urge. You need to go to the bath-room, but you're oh so cozy. So you re-luctantly get up, put on some slippers and walk to the bathroom. You don't bother turning on the light, that would just blind your tired eyes, so you walk over to the toilet and sit down. But alas! As you sit yourself down, you go too far, and your butt touches that frigid toilet water. Now you're not only wet and cold, you're mad. What inconsid-erate jerk left up the toilet seat? Who

could have done such a thing! Now, it seems obvious to most civilized people that the default position for a toilet seat is in the downward position. Howev-er, it never ceases to amaze me that some people don't seem to grasp this. Based on recent census data, approximately 51% of people sit to pee, while 99% of people sit to poop (I have no idea what the other 1% of people are thinking, but that's be-side the point).



Research has shown that the aver-age person uses the bathroom to pee roughly 7 times per day, while the av-erage daily number of poops is 3.5. Of course these numbers differ based on diet, drinking habits, health and so-cial constraints, but we may assume a uniform distribution with a mean of 7 pees per day and 3.5 poops.



If we factor all of this into account, the toilet seat is in the downward position 67% of the time it's used. Based on this analysis, it is obvious that the "neutral" position for a toilet seat is down. To anyone who has suffered because of an upwards toilet seat, know that sci-ence is on your side. And to those who frequently leave the toilet seat up, I hope you fall into a cold toilet bowl.

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



CARLETON STUDENT ENGINEERING SOCIETY



MARCH

2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 CSES General Election Campaign Period Troitsky Bridge Building Comp.	2	3	4	5	6	7 9PM Winter Ring Day
8	9	10	11	12	13 Pi Day	14 6PM Reflection
15	16	17	18	19 6PM Annual General Meeting	20	21
22	23	24	25	26	27	28 Winter
29 Charity LAN	30	31	1	2	3	4



Alexander's Office
3390 Mackenzie



613-520-3616



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



Open Fall & Winter
Academic Terms



CARLETON STUDENT ENGINEERING SOCIETY

3390 MACKENZIE BUILDING



/myCSES



@myCSES



@myCSES

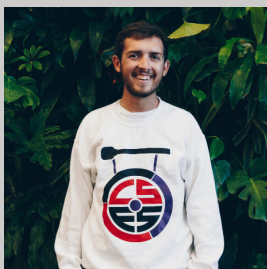


myCSES.ca

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
Johan Prent

Hey C-Eng! Now that February is wrapped up, it's time to look ahead towards March and April! With March comes a slew of events, so make sure to keep your eye out for any events that may interest you! We have our elections well under way, and our formal event, Reflections, happening this month as well! And for the upper year students, many will be receiving their Iron Ring this month too! March moves fast, so don't fall behind and I'll see you in April!



VP Finance
Grant Sutherland

Help Wanted, 2020-2021 VPF. This is a high commitment position. There are long hours and various procedures that must be undertaken at various times. You must manage a large quantity of money that is distributed through multiple different budgets. You must track the spending of others and monitor their portfolios and actions. Must coordinate with a variety of other people on timelines and ensure deadlines are met to avoid charges. This is a position ideal for those who want a management type position and have a large interest in finances and accounting. Not ideal for the faint of heart. For more information, come and talk to me.



VP Internal
Andre Lawrence

How time flies! We are in the final month of the semester before exams and there is a lot going on. The spring iron ring ceremony and after party is coming up on March 7th. The general election vote is coming up on March 4th to March 8th via C-mail ballot. If you ordered a Pewter Mug they should be arriving in the office soon and will be handed out during Reflections if time permits. Finally, the CSES Annual General Meeting (AGM) takes place on March 19th; come out to meet the new CSES Council and fill the vacant VP Finance, SREE A Rep, Mech Rep, & Comms Rep. Looking forward to a great final month with you guys, all the best!



VP External
Abby MacGillivray

The C-Eng Hockey Team will be hitting the ice this month to compete in the ESSCO Hockey Tournament! You can catch at home in Ottawa as they take on league playoffs! Come out to cheer them on as they aim for the top spot!!!



VP Publications
Keely Gibb

Hello, hello! Welcome to the March issue of The Iron Times. If you're looking to take a study break, browse the archives of Times throughout the years! Also, stay tuned for an upcoming episode of The C-Eng Gong Show. I'll be busy with handbook updates this semester, so if your student group has had any major changes in the last year, let me know so it can make it into the 2020-2021 books!



VP Social
Logan Macgillivray

March-ing on to the busiest month of the winter semester, we have a lot of events for you!!! Pi Day will be on March 13th where you caN pie exec in the face, eat pie, and recite pie. The very next day is Reflections. While you can no longer buy dinner tickets, dance tickets are readily available. Finally, stay tuned for information on VAP and Charity LAN happening towards the end of the semester.



VP Services
Jasmine Eriksson

Hey CEng! Hope you had a great reading week and welcome back! Thank you to everyone who ordered a CEng hoodie, they should be in towards mid/late March. Don't forget to take advantage of our Equipment Loan Program and Textbook Library before the end of the year.



VP Academic
Cameron Davis

Hey C-Eng! Hopefully you all had a great reading week! This next month will see the launch of National Engineering Month, or NEM, a month filled with events that celebrate engineering! This year's theme is Engineers and Society! Stay tuned to our social media for a full schedule of events coming up!

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

Amazon.ca is great! I order tons of stuff now!



WHAT PET YOU WOULD HAVE ACCORDING TO YOU ZODIAC SIGN

Written By: Mairah Vance

Aries

YOU ARE BOLD AND FULL OF ENERGY. YOU ARE VERY SOCIAL AND LOVE TO BE AROUND PEOPLE. YOUR IDEAL PET WOULD BE A PUPPY AS A PUPPY NEEDS THE AMOUNT OF ATTENTION THE ARIES HAS TO OFFER.

Leo

YOU LOVE TO BE THE CENTER OF ATTENTION AND SURROUND YOURSELF WITH BEAUTIFUL THINGS. YOU NEED A PET THAT WILL ALSO ATTRACT A LOT OF ATTENTION, THEREFORE THE BEST PET FOR YOU IS BENGAL CAT.

Sagittarius

YOU LOVE TO TRAVEL AND GO ON ADVENTURES. IF YOU GET A PET, IT WILL HAVE TO BE LOW MAINTENANCE THAT DOESN'T REQUIRE TOO MUCH ATTENTION. THE BEST PET FOR YOU IS A CAT.

Taurus

YOU ARE MELLOW, DEPENDENT AND JUST A BIT LAZY. YOU WOULD WANT A PET THAT YOU CAN COZY UP WITH BUT DOESN'T REQUIRE TOO MUCH ATTENTION FROM YOU. THE IDEAL PET FOR YOU IS A HAMSTER.

Virgo

YOU LIKE TO BE CLEAN AND ORGANIZED. YOU, MOST LIKELY, DON'T HAVE THE PATIENCE TO DEAL WITH AN ENERGETIC PET. THE IDEAL PET FOR YOU WOULD BE A FISH AS THEY AREN'T MESSY.

Capricorn

YOU ARE A HARD WORKER THAT WILL NEED A PET THAT WON'T REQUIRE TOO MUCH CARE. HOWEVER, YOU ARE VERY NURTURING. THE IDEAL PET FOR YOU WOULD BE A GUINEA PIG.

Gemini

YOU LOVE TO TALK AND THINK, AND YOU WOULD LIKE A PET THAT WILL DO THE SAME. THE PERFECT PET FOR YOU IS THE PARROT.

Libra

YOU LIKE TO BE AROUND BEAUTIFUL THINGS, BUT YOU DO PLACE A HUGE IMPORTANCE ON RELATIONSHIPS. YOU WOULD LIKE A PET THAT LOOKS GOOD, BUT YOU CAN CUDDLE WITH TOO. THE BEST PET FOR YOU IS A RABBIT.

Aquarius

YOU ARE QUITE A UNIQUE CHARACTER, SO YOU WILL WANT A PET THAT IS ALSO UNIQUE. YOU DON'T WANT A VERY NEEDY PET AND WOULD RATHER HAVE AN INTELLIGENT COMPANION. THE BEST PET FOR YOU IS A BIRD.

Cancer

YOU CAN BE MOODY AND EMOTIONAL AT TIMES AND A HIGH ENERGY PET MIGHT NOT BE THE BEST FOR YOU. ALTHOUGH, YOU ARE VERY NURTURING. THE BEST PET FOR YOU IS A HEDGEHOG.

Scorpio

YOU ARE MYSTERIOUS, EMOTIONAL, AND HAVE A DARK SIDE. YOU NEED A PET THAT YOU CAN APPRECIATE, THUS THE IDEAL PET FOR YOU IS THE SNAKE.

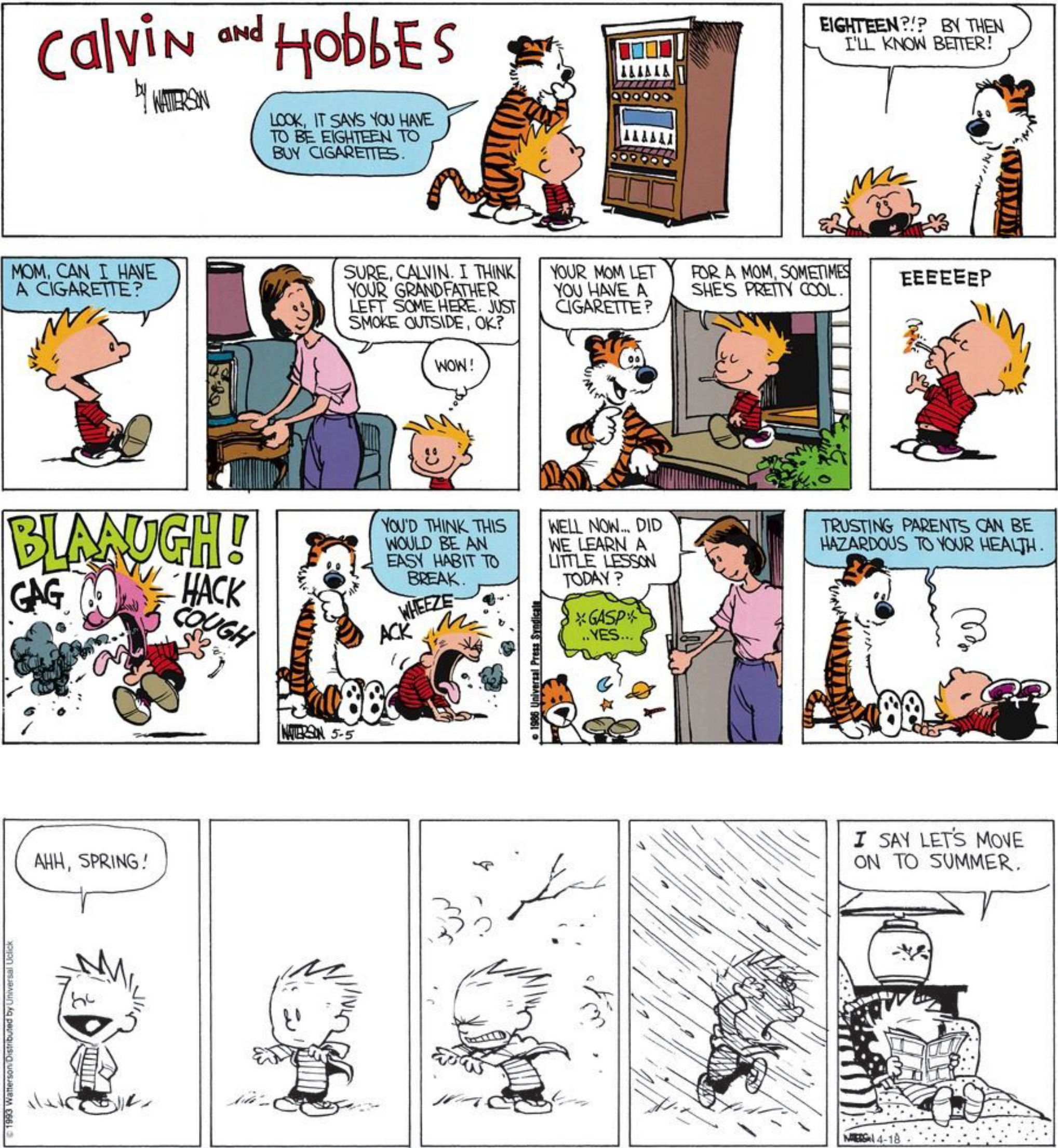
Pisces

YOU ARE QUITE AN EMOTIONAL PERSON THAT LOVES TO BE LOVED. YOU WANT A PET YOU CAN CUDDLE BUT WON'T BE TOO ENERGETIC. AN OLDER DOG WOULD BE THE BEST PET FOR YOU.



DISTRACTIONS

Please send me Comics or Memes to put here



LAST CALL

Musical peeps!

THE IRON MAN
Paul "Slippery When Wet" Hewson
-COMP SYSC V -



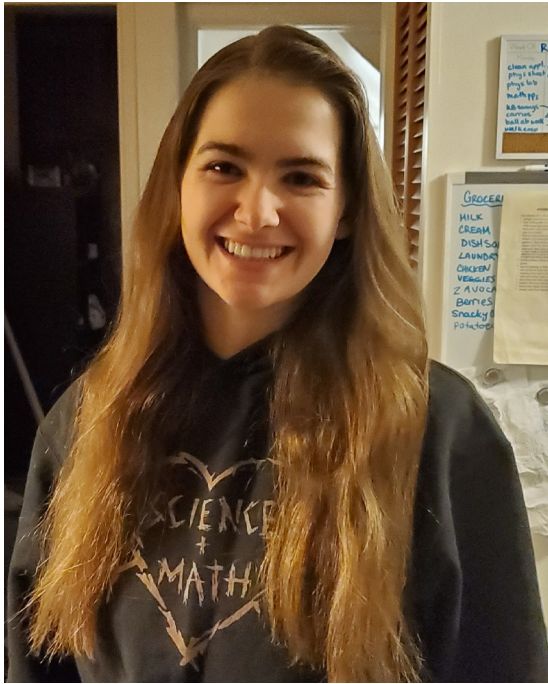
Hailing from:
Waterloo
Best Feature:
My RuneScape combat stats
Worst Nightmare:
Commuting to Kanata every morning
What is the worst song to get stuck in your head?
Any Drake song
What is your deepest darkest secret?
I like to listen to and understand classical music
What is the best muffin at Leo's?
Carrot
C-Eng Involvement:
Carleton Engineering musical: Band member, Band Director x2, Director!
SCESoc: Design director, VP Social x2, Social Director



USES for the CHARLATAN

- > Architecture models, apparently they are good at that
- > Fixing Grove, whether it be the staircase or the hole in the bathroom downstairs
- > Throwing in the trash
- > Eating, for those of exquisite taste
- > For keeping those eggs warm
- > Stealing Jamie's stick
- > Use as a towel for an easy way to dry off
- > Make a shirt out of it
- > Build a better phone for Miryam, cause lord knows that would make a better phone than what she has right now
- > Anything but reading it, for the love of God don't read it. Seriously don't.

THE IRON LADY
Samantha Brown
- ENG PHYS II -



Hailing from:
Dunrobin
Best Feature:
Accidental Devil Eyebrows
Worst Nightmare:
Aggressive singing of Happy Birthday
What is the worst song to get stuck in your head?
She Won't Let Me Fuck by Afroman
What is your deepest darkest secret?
If you know you know...
What is the best muffin at Leo's?
Carrot
C-Eng Involvement:
Chorus Vocal Director of the CEng Musical

Editor-in-Chief Special Thanks To:
Andy Curtis His - The Titans

VP Publications
Keely Gibb

- Footnotes -

Issue Made Possible By: Miryam is sitting to my right

I don't know why she's reading this, but she is criticizing my InDesign skillz



Only one more month to go!