

# School of Computer Science (SCS)

Academic Orientation Day

Tuesday, September 2<sup>nd</sup>, 2025

10:00am – 11:30pm



## **Dean of Science - Welcome Video**

<https://www.youtube.com/watch?v=gZQ5Jb-vMRE>

## **Science Students Society - Welcome Video**

<https://www.youtube.com/watch?v=x2FPyrmaXBU>

# Welcome to the SCS!

We are excited for you to begin your academic journey here at **Carleton University** as students in the **School of Computer Science (SCS)** in the Bachelor of Computer Science (BCS) program!



# Administration



**Jean-Pierre Corriveau**

**Director  
and Graduate Director**  
Associate Professor



**Mark Lanthier**

**Associate Director  
(Undergrad)**  
Assistant Professor



**Jason Hinek**

**Associate Director  
(Recruitment & Retention)**  
Associate Professor, Teaching Stream



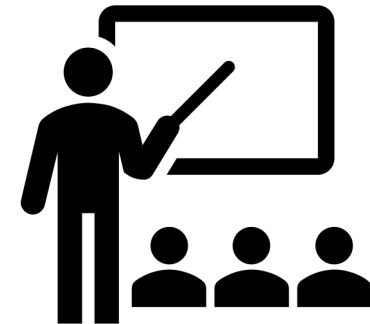
**Mylien Reid**

School Administrator



# Computer Science – The Program

- Will teach you how to ...
  - **analyze** problems
  - **design** efficient solutions
  - **write programs** to that implement such solutions
  - **adequately test** your solutions
- You will learn ...
  - various **programming languages**
  - software **design principles**
  - **time management** skills
  - how to **think** like a computer scientist!



# Computer Science – Knowledge Gained

- Your first year focuses a lot on programming (no prior experience required)
  - **Everyone:** COMP 1405, COMP 1406
  - **Game Stream:** COMP 1501
  - But computer science is **much more** than programming!
    - **Everyone:** COMP 1805 is about mathematical reasoning
- After 1<sup>st</sup> year you **deepen** your knowledge of **core** Computer Science
  - *algorithms, data structures, software engineering, systems programming,*
  - *web applications, operating systems, database management*
- CS students also add ‘**hot topics**’ to their computer science knowledge ...
  - *A.I., user experience, security, graphics, computer vision, networks, etc.*



# Computer Science – BCS Streams

- Streams regroup courses around a specific topic:
  - **Algorithms**
  - **Artificial Intelligence and Machine Learning**
  - **Computer Game Development**
  - **Cybersecurity**
  - **Management and Business Systems**
  - **Software Engineering**

<https://calendar.carleton.ca/undergrad/undergradprograms/computer-science/>

# Computer Science – How to Succeed

- **Motivation and Diligence**

- Remember **academic success is your goal** and **ask questions** when you are not sure!

- **Time Management**

- **Start early** on assignments ... and carefully **budget your time**

- **Integrity**

- Hand in your **own work**

- **Make Use of Resources**

- **Office hours, Tutorials and Workshops**
- Science Student Success Centre (**SSSC**)
- Centre for Student Academic Support (**CSAS**)



# First Year Undergraduate Instructors



**Robert Collier**  
**COMP 1405 B,C,D**



**Ava Mckenney**  
**COMP 1405 A,Z**  
**COMP 1406 Z**  
**COMP 1406 A,B**



**Alexa Sharp**  
**COMP 1805 A,B,C**  
**COMP 1406 D,E**



**Jason Hinek**  
**COMP 1406 A**



**Sean Benjamin**  
**COMP 1405 A**



**Alina Shaikhet**  
**COMP 1805 A,B,C**



**Connor Hillen**  
**COMP 1405 B**  
**COMP 1501 A**



**Wilf Lalonde**  
**COMP 1008 A**

 Fall  
 Winter

# Laboratory and Course Coordinators



**Farah Chanchary**  
**COMP 1405**  
**COMP 1405/1406 Z**



**Leila Chinaei**  
**COMP 1805**



**Lars Doyle**  
**(second year)**



**Melody Habbouche**  
**COMP 1406**



**Vojislav Radonjic**  
**(second year)**

# Undergraduate Advisors



**Jennifer McCarthy**



**Gwen Morgan**



**Edina Storfer**

# Undergraduate Advisors (What They Help With)

- **Course selection** and sequencing
- Course **prerequisites**, **preclusions** and **equivalencies**
- How to read your **academic audit**
- Adding, dropping or changing your **stream**
- Adding or dropping a **minor(s)**
- **Co-op eligibility** and work/study patterns
- Interpreting **calendar rules** and regulations



... and any other academic matters specific to BCS!



## Undergraduate Advisors (Important Things to Know!)

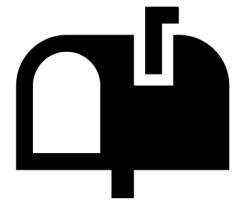


- Limit of **7.0** credits at the **1000-level** for your entire program
  - Includes **all** courses (COMP, MATH, electives, etc.)
- Run your **academic audit** often (on Carleton Central), especially after registration changes
- Set up your **CMAIL**, check it often and always use your CMAIL when communicating with the university (professors, advisors, etc.)
  - Include your **student number** on **all** university emails
- **Change of Program Elements** (COPE) application on Carleton Central
  - Used to add/drop streams and minors
- **Electives** and **Prohibited** Courses

## Undergraduate Advisors (Getting Help)

- Anytime that you have a question or need help, just email us **(from your Carleton email account)**, with your **student #** at:

[scs.ug.advisor@carleton.ca](mailto:scs.ug.advisor@carleton.ca)



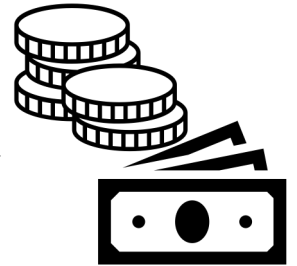
- Alternatively, you can visit us in room:

**5302 Herzberg Building (5<sup>th</sup> floor).**



# The Co-Op Program – Overview

- Excellent opportunity to gain real work **experience** & make **money**
  - **16-20 months** of work experience
- **Alternate** between taking courses and working



	1 <sup>st</sup> Year			2 <sup>nd</sup> Year			3 <sup>rd</sup> Year			4 <sup>th</sup> Year			5 <sup>th</sup> Year	
Term	F	W	S	F	W	S	F	W	S	F	W	S	F	W
Work	S	S		S	S	W	W	S	W	S	W	W	S	S

**Study**

**off 1<sup>st</sup> summer**

**Work**

# The Co-Op Program – What to Do Now

- If you have not **applied** yet, you can still do so.
- At this time ... get high grades, meet the requirements, and then wait.
- In **fall of 2<sup>nd</sup> year**, if you meet the requirements, you will ...
  - **Complete course COOP 1000**
    - 7-module, 10-week online course (does not count for credit)
  - Begin the process of selecting jobs and beginning the job interviews.
- Then just **follow instructions** from the co-op office.
- Make sure to **meet all deadlines** or you may not get a job.



# Technical Staff



**Peter Choynowski**

Manager of Technical Operations



**Jorge Luis Gonzalez**

Network Administrator



**Karim Ismail**

Software Designer



**Andrew Miles**

Sr. Systems Administrator



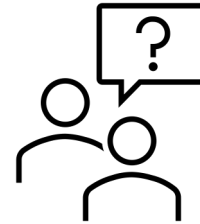
**Andrew Pullin**

Sr. Software Designer

## Technical Staff (IT Support)

We take care of:

- Computing, server and network infrastructure at the school
- In-person **SCS Tech-Support** for students, faculty and staff.
- Computer Science Lab Infrastructure
- OpenStack & Virtual Machines (server side)



[carleton.ca/scs/technical-support](http://carleton.ca/scs/technical-support)

We are not T.A.'s.

We are not ITS (Information Technology Services)

## Technical Staff (Lab Space)

- **Access:** student card required
- HP **4125** TA Center →
- HP **4115** BCS Undergrads
- HP **4155** Tutorials
- HP **5151** Gaming & VR  
(Gaming stream students)
- **Labs Open:** Mon. Sep. 8, 2025



## Technical Staff (Free Software)

- Microsoft has generously offered most of their software free of charge to students. They offer software like: **Office**, **Windows 11**, and **Visual Studio** + much more!
- **IBM Academic Initiative**: IBM Cloud, course, Data Science and Quantum resources are all free for Computer Science students!
- **MATLAB** is free.
- Much more free software pertinent for your studies. Check out the website:  
<https://carleton.ca/scs/tech-support/software/>







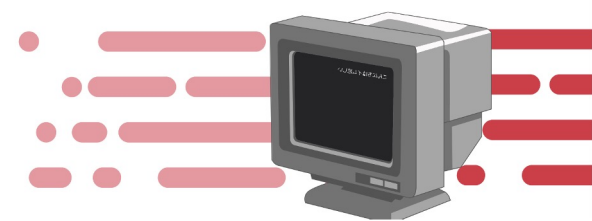
**CARLETON COMPUTER**  
**SCIENCE SOCIETY**



# What is the **CCSS**?

The **CCSS** is a student-run organization that works with the **School of Computer Science** to create academic and social opportunities within the program.

We proudly represent, advocate and create resources for all computer science students!



**WE DO**

**A LOT...**



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 **ootcamp**



 **Networking Night**



 **Tech Talk**



 **Intern Presentation**



 **Resume Roast**



# UPCOMING



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**September 3rd, 5:30 - 7:00 PM EST**



# WEEK OF AWESOME

Sept 7th - Sept 13th





# 13 Events Sept 7th - Sept 13th



## Amazing Race: Carleton

Work together with your team to complete objectives across campus!

Sept 8th, 4:00 - 6:30 PM EST



## Future of Tech Careers: How You Can Get Ahead

Learn to overcome today's job market and build a lasting career

Sept 11th, 2:30 - 3:30 PM EST



## Professor Coffee Social

Learn more about your professors while enjoying some snacks!

Sept 9th, 12:00 - 2:00 PM EST



## Board Games Night

Make new friends over some fun board games and great conversation!

Sept 11th, 5:30 - 7:30 PM EST



## Daily Code Challenges

New code challenges will release every day of Week of Awesome!

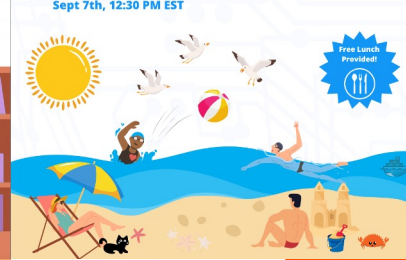
Sept 7th - Sept 13th, Daily @ Midnight



## Beach Day at Mooney's

Enjoy some time in the sun at Mooney's Bay with friends!

Sept 7th, 12:30 PM EST



## Careers in Computer Science: Industry, Research & Academia

Explore CS careers with insights from pros and industry professionals

Sept 8th, 1:30 - 3:00 PM EST



Prosenjit Bose  
Charlton's Professor &  
Associate Dean



David Mould,  
Graphics, Imaging, and  
Games Research Group



Matthew MacRae-Bovell,  
Software Engineer  
Automation @ GE lab

Free Pizza!



## 25 Years of Computers and Telecommunications

Join Carleton CS alum Chris Bark as he reflects on his 25-year tech career

Sept 10th, 6:00 - 7:00 PM EST

With **Chris Bark**,  
Senior Software Developer



Free Pizza!



## Fall General Meeting

Learn all about us, our plans, and how you can get involved!

Sept 9th, 6:00 - 7:00 PM EST



## Therapy Dog Session

Visit our lounge and enjoy some puppy company with fellow students

Sept 10th, 1:00 - 2:00 PM EST



## Tech Club Expo

Discover the tech community at Carleton and learn how to get involved!

Sept 12th, 6:00 - 7:30 PM EST



## BATTLESNAKE HACKATHON 2025

September 13th  
10:00 - 6:00 PM  
RB 2200





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Chancellor's Professor &  
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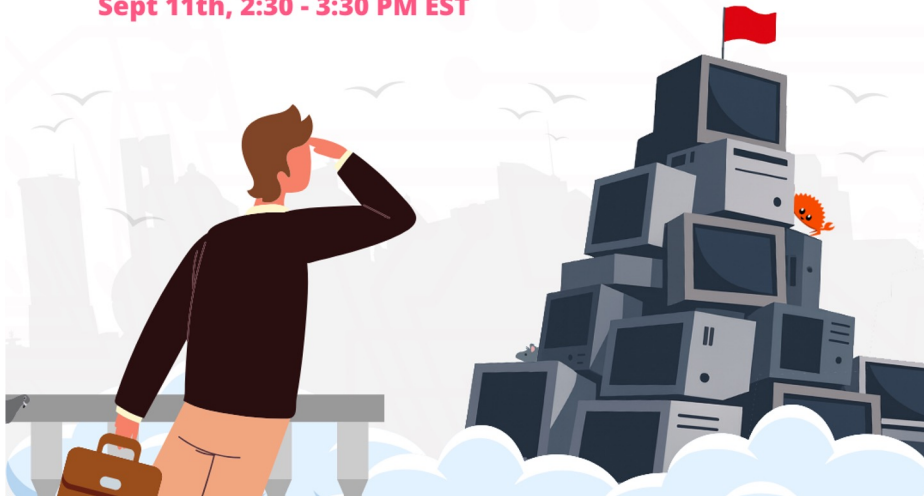




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Learn to overcome today's job market and build a lasting career!

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## Board Games Night

Make new friends over some fun board games and great conversation!

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**Limited  
Space: Claim  
a ticket on  
our site!**





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# Sh\*t I Wish I Knew

Learn essential tips from experienced students to survive university!

**Sept 12th, 2:30 - 3:30 PM EST**

**Pizza  
Provided!**





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**September 12th, 6:00 - 7:30 PM**





# BATTLESNAKE HACKATHON

2025<sup>12</sup>

Sept 13th @ 10:00 - 6:00 PM

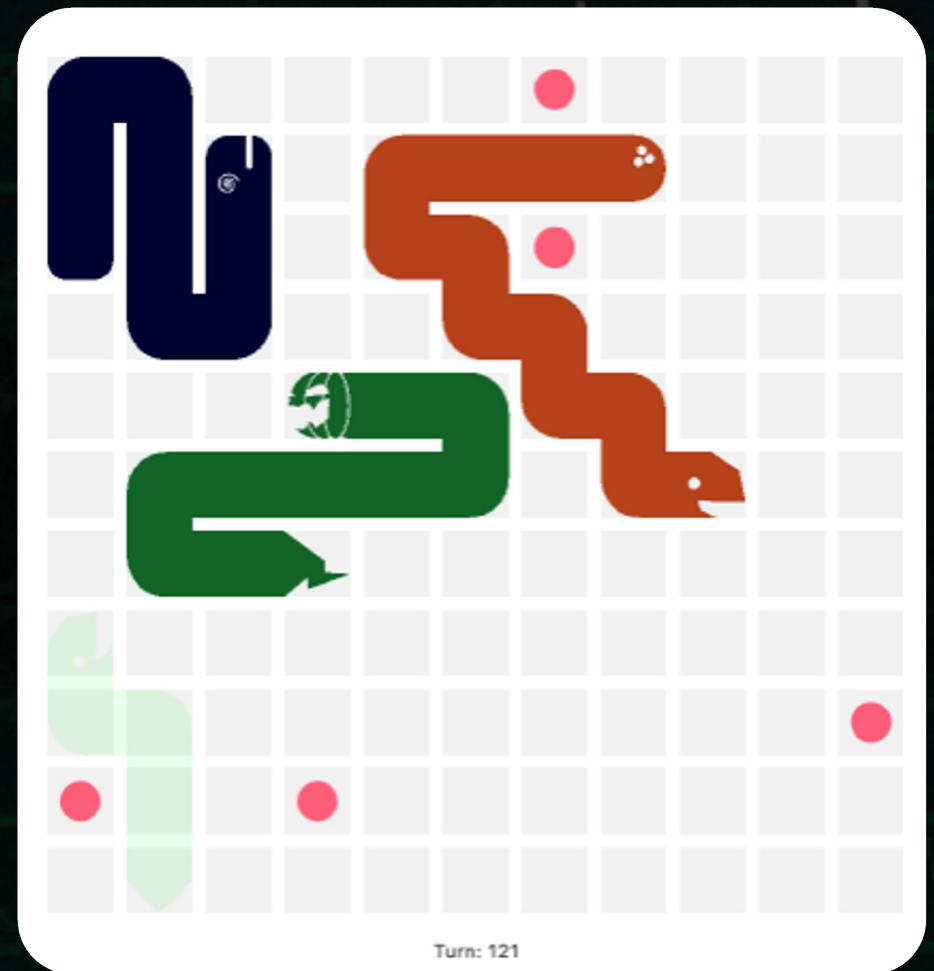
Register By: Sept 10th @ Midnight





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*“Develop your own AI Snake  
algorithm to find food, stay  
alive, and battle for prizes”*







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# WEEK OF AWESOME

SEPT  
7



**Daily Code Challenge**  
Everyday @ Midnight



**Beach Day at Mooney's**  
12:30 PM

SEPT  
8



**Careers in Computer Science:  
Industry, Research and Academia**  
1:30 - 3:00 PM



**Amazing Race: Carleton**  
4:00 - 6:30 PM

SEPT  
9



**Professor Coffee Social**  
12:00 - 2:00 PM



**Fall General Meeting**  
6:00 - 7:00 PM

SEPT  
10



**Therapy Dog Session**  
1:00 - 2:00 PM



**25 Years of Computers  
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6:00 - 7:00 PM

SEPT  
11



**Future of Tech Careers:  
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2:30 - 3:30 PM



**Board Games Night**  
5:30 - 7:30 PM

SEPT  
12



**Sh\*t I Wish I Knew**  
2:30 - 3:30 PM



**Tech Club Expo**  
6:00 - 7:30 PM

SEPT  
13

**Battlesnake Hackathon**

10:00 AM - 6:00 PM



Join **Us**  
Sept **7th** -  
Sept **13th**



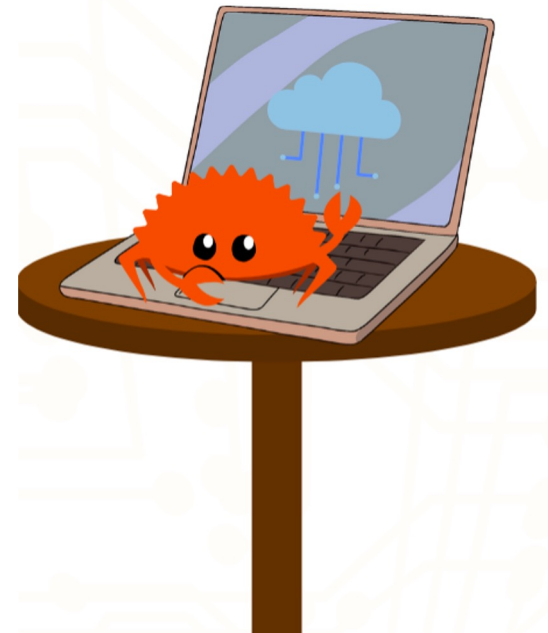
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**x**



**Join us and learn about AWS, as well as cloud fundamentals, and AI!**

**September 19th, 12:00 - 4:00 PM EST**



# STUDENT LOUNGE



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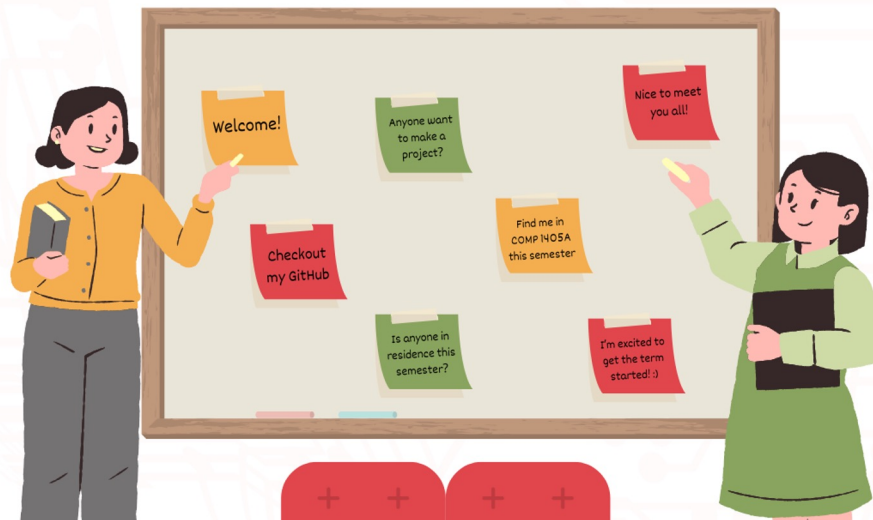
**Lounge: Herzberg Laboratories (HP 4135)**



## Meet & Greet Post-It Wall

Visit the Lounge and introduce yourself to fellow new students

**Sept 15th - 19th, CCSS Lounge (Herzberg 4135)**



## Guess The Jelly Beans

Come take your best guess at how many jelly beans are in the jar

**Sept 29th - Oct 3rd, CCSS Lounge (Herzberg 4135)**





# GET INVOLVED



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**YOU'RE ALREADY  
A MEMBER! :)**

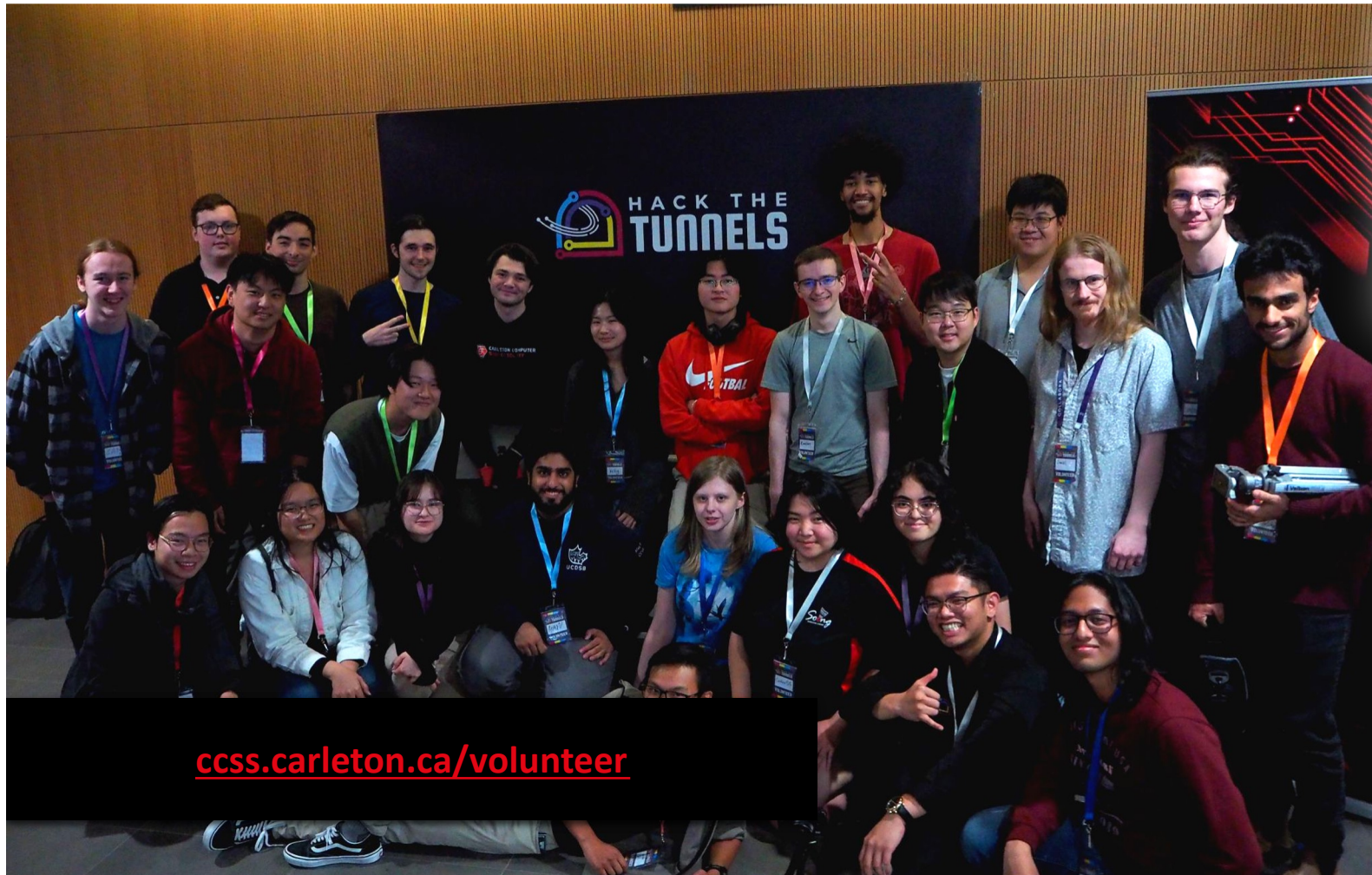


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**Volunteer**



[ccss.carleton.ca/volunteer](https://ccss.carleton.ca/volunteer)





**CARLETON COMPUTER  
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# First Year Representatives

We're looking for two first year CS students to join our Board of Directors as First Year Representatives.

**Nominations:** September 2nd - September 13th



# STAY CONNECTED



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# THANK YOU!



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## AOD Student Feedback Form QR Code

All students who submit a feedback form will be entered to win one of five Ravens prize packs!



<https://carleton.ca/csas/academic-orientation-day-student-feedback-form/>

**The End!**

**QUESTIONS ... ?**

