

**Education**      [University of Toronto](#) (09/2014 – 04/2019)  
Bachelor of Computer Science

**Technical Skills**  
**Programming Languages:** Java, Python, C++, C, SQL, HTML, JavaScript, Golang  
**Cloud:** Docker, Kubernetes, AWS  
**Version Control:** Subversion, Git  
**Operating Systems:** Windows, Unix, Linux  
**Relational Databases:** SQL  
**Hardware:** Soldering, Assembling computers  
**IT:** Technical support, Server maintenance, Networking

**Work Experience**      [Platform Engineer](#)      [Wattpad Corp.](#)  
Toronto, Ontario      (05/2017 – 09/2018) (06/2019 – Present)

- Actively involved in entire product lifecycle from deciding initial specs, to system design, to implementation and scaling
- Design and implement many microservices in the backend systems
- Maintain and migrate legacy-systems and datastores to newer technologies like Golang, Redis, AWS Aurora, etc.
- Create image moderation systems that proactively identifies and removes banned content from our systems while automatically reporting illegal content to the authorities when applicable

[IT Help Desk Analyst](#)      [University of Toronto](#)  
Toronto, Ontario      (09/2018 – 05/2019)

- Provide technical support for over 1150 students on the university network
- Actively come up with solutions to connect new users onto an aging infrastructure
- Upgrade networking equipment in student rooms

[Computer Instructor](#)      [LogicFusion Ltd.](#)  
Markham, Ontario      (07/2015 – 11/2018)

- Develop and teach curriculum-based classes in programming, hardware, robotics, game design
- Collaborate with fellow instructors to develop ways of improving the courses

**Other Experience**      [Aerial Robotics Division Lead](#)      [University of Toronto Aerospace Team](#)  
Toronto, Ontario      (2017 - 2018)  
[Vision Subdivision Co-Lead](#)      (2015 - 2017)

- Develop the computer vision software program for the autonomous quadcopter
- Ensure the quadcopter operations are within allowable limits

## Other Experience (continued)

### Server Administrator

Markham, Ontario

8<sup>th</sup> Markham - Scouts Canada

(2014 - present)

### Scout Member

(2000 – 2014)

- Guide other patrol members in reaching set goals
- Design the front end of the site and maintain the server in a Dockerized environment

### Tech Crew Lead

Markham, Ontario

St. Augustine Catholic High School

(09/2010 – 09/2014)

- Set up and operate sound and lighting equipment
- Set up network cameras to allow backstage to monitor the productions
- Effectively communicate with stage crew, make-up, and band

### Executive Member

Markham, Ontario

Unionville Youth Council

(09/2010 – 07/2014)

- Organize events with external parties and internal members
- Representative for Unionville Youth Council for Unionville Home Society
- Attend executive meetings to help run the council and organize various events in the community

## Awards/ Certifications

**MHacks Intel Sponsorship Prize.** University of Michigan. 2016 – Best use of the Intel Edison (Control a quadcopter via a WiiU Gamepad)

**MHacks Apple Sponsorship Prize.** University of Michigan. 2015 – Building the best hardware hack judged by Apple.

**Queens Venturer Award.** Governor General of Canada. 2015 – The highest Scouting proficiency award for youth members in Scouts Canada.

**Medal of Maple For Distinguished Youth Service.** Scouts Canada. 2015 - Significantly contributed to the spirit of Scouting through community service, extraordinary Scouting participation and a solid system of personal values.

**Waterloo Computing Award.** University of Waterloo. 2014 – For top score in the Waterloo Canadian Computing Competition.

**Lieutenant Governor Volunteer Award.** Government of Ontario. 2014 – For going above and beyond. Most volunteer hours in the school (1000+ hours)

**UOIT Robotics Winner Award.** University of Ontario Institute of Technology. 2014 – For top score in the UOIT Robotics Competition.

**High Five Certification.** City of Markham. 2015 – For the completion of the High Five Leadership staff course.