



## skills

### Languages

C++ / C / Python / Java / Clojure /  
SQL / HTML / CSS / JavaScript

### Technologies

Kubernetes / Docker / REST /  
SOAP / JBoss Fuse / Spring /  
Apache CXF / JUnit / SoapUI /  
Postman / Reagent / Re-frame /  
JIRA / Git / Subversion / Unix /  
Gitlab CI

## education

### BS (Hons) Computer Science

University of Toronto  
Scarborough  
2017-Present

- University of Toronto  
Scarborough Dean's List  
2017-2019
- GPA: 3.94

### School Projects

- Snake in **Verilog** 🐍
- UNIX Command Line in **Java**

### Relevant Courses

- Software Design
- Data Structures
- Computability and Computational Complexity
- Theory of Computation
- Principles of Programming Languages
- Systems Programming
- Operating Systems
- Computer Organization

## experience

### Live Competition | DevOps Engineer

May 2020 - Present | Toronto, ON

- Set up a **Kubernetes** cluster using GKE to have a 100% uptime development environment available for developers
- Wrote a **Gitlab CI** Pipeline to fully automate the testing, building and deployment of new changes to the development environment
- Added caching to increase pipeline speed by 25%

### BlackBerry QNX | Student Software Developer (Command Line Tools)

June 2020 - August 2020 | Remote

- Fixed defects in a variety of **C** utilities and libraries, solving dozens of backlogged tickets
- Cleaned up code to meet stricter standards beyond existing certifications, improving safety and security expectations for millions of devices
- Updated existing documentation to make the on-boarding process easier for new teammates

### CaseWare International Incorporated | Coop Software Developer

May 2019 - December 2019 | Toronto, ON

- Implemented user-requested features using **C++**, now used by hundreds of thousands of accountants
- Expertly reviewed merge requests of senior teammates to ensure code quality on more than a dozen code changes
- Discussed with the **Agile** team to analyze the difficulty and scope of hundreds of **JIRA** tickets

### University Health Network | Coop Software Developer

September 2018 - December 2018 | Toronto, ON

- Added **RESTful** and **SOAP** functionality to web services, making information access and usage much easier for hundreds of doctors
- Tested web services using **JUnit**, **SoapUI** and **Postman**, ensuring efficient functionality of two services
- Queried various **SQL** databases to access hundreds of data points

## projects and competitions

### Reddit Viewing Tool 🐍

Learned the basics of functional programming in **Clojure** to create a reddit-viewing application. **Reagent** and **Re-frame** frameworks were used to connect changes in a data structure to a multitude of events and effects.

### Personal Website 🐍

Created a dynamically re-scaling website to develop a strong understanding of **HTML** and **CSS** and programmed a **JavaScript** animation to learn the core concepts of JS development.

### Computer Science and Mathematics Competitions 🐍

Applied knowledge of **Python** to design algorithms, achieving a top 10 placement among over 200 UofT students on the Open Kattis online judge. Additionally, competed in the UofT Undergraduate Mathematics competition, UTSCode 2018 and Google Code Jam 2018 and 2019.