

Education

Toronto, ON	University of Toronto, St. George Campus	September 2017 - Present
<ul style="list-style-type: none">• Honours Bachelors of Science in Computer Science.• CS Courses GPA: 3.91/4.0, cGPA: 3.52/4.0, Dean's List Scholar.		

Work Experience

Software Engineer, Intern	Manulife Financial	Summer 2018, Toronto
<ul style="list-style-type: none">• Wrote a query <u>transpiler</u> in Python. This allowed the team to transition from the retired system swiftly.• Designed and implemented a <u>microservice</u> which provided a common <u>RESTful API</u> for legacy software.• Used the API mentioned above to build a web-based pivot table, which could display over <u>100 times</u> more data than the existing Excel macro based solution and could be refreshed on demand.• Reworked the backend of the automation framework to follow OOP\SOLID principles, this allowed other developers to easily adapt and extend the system. Setup <u>CI/CD</u> and <u>VMs</u> for the system.• Worked in an <u>Agile/Scrum</u> environment, attended standup meetings and reported progress on JIRA.		

Side Projects

Android Map App of University of Toronto campuses	100+ Downloads
<ul style="list-style-type: none">• Supports multiple campuses and different types of points of interest.• Uses <u>Google Maps API</u> and various <u>Material UI</u> libraries for navigation, settings, and bottom sheets.• Searches and fetches images in the background using <u>AsyncTasks</u>.	
Course Info Browser Extension for University of Toronto courses	300+ Active Users
<ul style="list-style-type: none">• Adds informative tooltips to course codes mentioned on any webpage, adds info cards to Google Search.• Uses a <u>RESTful API</u> to obtain data, uses ajax and promises to load tooltips in parallel.• <u>Node.js</u> backend for textbooks data. Hosted on <u>Heroku</u>.• Uses <u>Firebase</u> realtime database for data storage. <u>Bootstrap</u> and other UI libraries.	

Public Speaking Assistant Web App	UofT Hacks MLH Hackathon
<ul style="list-style-type: none">• Flask Backend, uses multiple Google Cloud Platform APIs	

Technical Skills

Development Software and OS	Languages
<ul style="list-style-type: none">• IntelliJ, Netbeans, Pycharm, Webstorm, Kibana, Jenkins, Sumologic, JIRA, Concourse• Git, Github, Bash, CI/CD• Linux, Windows	<ul style="list-style-type: none">• Proficient: Java, Javascript, Python• Intermediate: SQL, C• Beginner: Shell, Assembly
Standards and Frameworks	
<ul style="list-style-type: none">• JSON, XML, HTML, CSS• REST, Spring, Spring-boot, Flask, Pivotal CF, Heroku, OAuth2, JQuery, Bootstrap, Chrome Extensions, Node.js, Express, Firebase, React, Microservices, RabbitMQ, UML, JavaFX, JUnit, Grade, Maven• Android, Google Maps API, various Material UI libraries	

Relevant Courses to be Completed Before May 2019

3rd-year level: Operating Systems, Databases, Programming on the Web, Interactive Computational Media (UX)

2nd-year level: Systems Programming, Software Design, Data Structures and Analysis, Computer Organization