

## Education

<b>Toronto, ON</b>	<b>University of Toronto, St. George Campus</b>	<b>September 2017 - Present</b>
<ul style="list-style-type: none"><li>• Honours Bachelor of Science in Computer Science. Graduating May 2021.</li><li>• CS Courses GPA: 3.92/4.0, cGPA: 3.63/4.0, Dean's List Scholar.</li></ul>		

## Employment

<b>Software Engineer, Intern</b>	<b>Connected.io</b>	<b>Summer 2019, Toronto</b>
<ul style="list-style-type: none"><li>• Developed an Augmented Reality prototyping tool for a major audio equipment manufacturer. Included an <u>Android</u> user app (Kotlin) and a Web control panel (React + Typescript).</li><li>• Architected and developed a build and deployment pipeline with <u>AWS</u> and <u>Go</u>.</li></ul>		
<b>Software Engineer, Intern</b>	<b>Manulife Financial</b>	<b>Summer 2018, Toronto</b>
<ul style="list-style-type: none"><li>• Built a <u>trans-compiler</u> for query languages in <u>Python</u>. Enabled smooth switchover from a legacy system.</li><li>• Developed full stack pivot table application, displayed up to 100 times more data than legacy Excel solution.</li><li>• Redesigned automation infrastructure. VM config and code quality + performance improvements.</li></ul>		

## Research Positions

<b>Research Student</b>	<b>University of Toronto, Computer Science</b>	<b>Summer 2019</b>
<ul style="list-style-type: none"><li>• Developed a tool that speeds up software verification of C programs by finding and isolating segments of programs that can be proven separately, and performs verification concurrently.</li><li>• Performs control flow analysis and Abstract Syntax Tree manipulation, written in <u>OCaml</u>.</li></ul>		

## Projects

<b>Course Info - Browser Extension for University of Toronto courses</b>	<b>800+ Weekly Users</b>
<ul style="list-style-type: none"><li>• Greatly improves course selection and browsing experience by adding dynamic content to websites.</li><li>• Javascript, Bootstrap, JQuery, Ajax, Firebase, REST APIs, Web Extensions</li></ul>	
<b>T Map - Android Map App of University of Toronto campuses</b>	<b>1000+ Downloads</b>
<ul style="list-style-type: none"><li>• Uses Google Maps API and various <u>Material UI</u> libraries for navigation, settings, and bottom sheets.</li></ul>	
<b>Gitbox - Detailed stats and graphs for git repositories</b>	<b><a href="http://gitbox.xyz">http://gitbox.xyz</a></b>
<ul style="list-style-type: none"><li>• Web application that provides detailed stats per contributor for a git repo hosted anywhere.</li><li>• <u>Node.js</u>, Express, <u>React.js</u>, <u>MongoDB</u>, Material UI, Custom parsers for git logs.</li></ul>	
<b>Polyglot - Practice Vocab with Google Assistant</b>	<b>MLH Hackathon</b>
<ul style="list-style-type: none"><li>• Best use of <u>Google Cloud Platform</u> winner.</li><li>• <u>Node.js</u>, <u>Firebase</u>, <u>Google App Engine</u> and multiple GCP APIs.</li></ul>	

## Technical Skills

<b>Development Software and OS</b>	<b>Languages</b>
<ul style="list-style-type: none"><li>• IntelliJ Platform, Kibana, Sumologic</li><li>• Git, Github, Bash, CI/CD, Docker, Maven, Linux</li></ul>	Javascript, Java, Python, OCaml, Go, C, Kotlin, SQL, Typescript, Verilog

## Standards and Frameworks

Backend: Express + Node.js (Javascript), Mux (Go), Spring (Java), Flask (Python), MongoDB

Frontend: React.js, Bootstrap, JQuery, Material UI, Android (Kotlin/Java), ReactiveX (RxJs, RxJava)

Platform: AWS EC2, AWS S3, CI/CD, Jenkins, CircleCI, Pivotal CF, ELK Stack, Elasticsearch, Docker