

Education

- **University of Toronto** **September 2012 - Present**
 - B.A.Sc. Computer Engineering, Graduating June 2017
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Skill Summary

Languages: C#, Java, C++/C, XML, JSON, SQL, HTML, CSS, Javascript, Typescript, Powershell
Frameworks and Tools: .NET, WebAPI/REST, Azure, Service Fabric, AngularJS, Bootstrap, SignalR, Android
Development Methodologies: Agile, Scrum, Kanban, Test Driven Development, Unit Testing

Experience

- **Omnivex Corporation** **May 2015 - August 2016**
Software Developer Intern
 - Worked in a Scrum team to develop a REST interface of a cloud application using WebAPI / .NET Framework / Azure Service Fabric, which provided an API for mobile and web clients.
 - Developed a responsive front end single page application (SPA) using Typescript / AngularJS and used SignalR / WebSockets to send and receive real time data updates to and from the server.
 - Architected and developed storage subsystem to use PostgreSQL and Azure Table Storage to improve application performance.
 - Revamped team's cloud deployment process from manual to automated using Powershell / TFS Builds, reducing deployment time by up to an hour.
 - Created an Android app that used notifications, NFC, and Google Cloud Messaging (GCM) for clients who needed our software on mobile devices.
 - Participated actively in brainstorm meetings with a small group of company executives that decided the future of a start-up project in the company.
 - **OEIT (Open Electrical Impedance Tomography)** **May 2013 - Aug 2013**
Software Developer Summer Co-op
 - Worked on the OEIT project with various parties from across Europe and Canada.
 - Participated in joint application design (JAD) sessions with the team to decide on various design considerations.
 - Designed and developed electrical impedance tomography (EIT) data conversion component.
 - Implemented a binary converter, which converted binary files from various medical imaging machines to a common XML file wrapper using Java / JDK 6 with Eclipse / ANT / SVN / JUnit development environment.
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Engineering Projects and Extracurricular Activities

- **Biomod Harvard Competition** **Fall 2016**
 - Designed a single page application website with HTML5, Javascript, CSS, AngularJS, and Bootstrap with a responsive design for mobile users.
- **Concurrent Storage Server** **Winter 2014**
 - Developed a storage server in C with fully functioning threads and processes for concurrency with a small development team using SVN.
- **Self-automated Crane** **Fall 2013**
 - Created a small self automated LEGO crane with sensors, motors, and an electromagnet connected with JTAG-UART to a DE2 board.
- **University of Toronto Solar House Design Project** **2013**
 - Helped design a sustainable house that runs on solar energy by working with a team of six electrical engineers.