



Languages

- Java
- HTML5
- CSS3
- Python
- C
- C#
- C++
- JavaScript
- Turing
- Scheme

Frameworks

- MVC3
- Flask
- Node.js
- Angular

Tools

- SVN
- Git
- Pebble.js
- NLP
- WPF
- IIS
- AWS
- JQuery
- Firebase
- Android Studio
- Selenium
- NUnit
- Unity

Citizenships

- Canadian
- U.S.

Education

University of Waterloo, Bachelor of Computer Science

Sept 2014 – Present

- Expected graduation date, April 2019, 3.38 GPA

Employment

TD Bank Group, *Solutions Developer*

May 2016 – August 2016

- Ideated, implemented, and presented prototypes to solve common banking problems
- Android, Unity, Google Cloud Tools, Firebase, Node.js, Hololens

International Medical Solutions, *Cloud Developer*

September 2015 – December 2015

- Worked to design and implement the web viewer, debugging logs
- Supported a back end running on Amazon Web Services implemented using the .NET MVC 3 framework and deployed with IIS
- Implemented automated regression tests using NUnit and Selenium
- Collaborated with others using Tortoise SVN to share and update code base
- Debugged and refactored code written by previous coop students
- Redesigned UI, patient anonymization, pushed new features to production

Merxmotion, *UI Developer*

Dec 2013 – March 2013

- Created webpages by implementing designs elements requested into HTML/CSS format

Convention Organizer (ConBravo, Anime North), *Tech Coordinator*

Jul 2012 - Present

- Maintain all A/V, supervise volunteers, communicate with guests and oversee crowds

Jack Astor's Bar and Grill, *Host*

Sep 2013 – Dec 2015

The Mississauga Learning Centre, *Tutor*

Feb 2012 – Sep 2013

- Teach students in Mathematics, English, Science, and any other subject they may have difficulty with

Projects

- Identifai
 - Developed a smart security system capable of identifying specific animals and alerting the user on their smart phone when one was found
 - Node.js, Android, JQuery, HTML5, CSS3, Imgur API, Clarifai API
- Presentbble
 - Constructed a pebble application that controls PowerPoints on the computer
 - Includes a script which parses the PowerPoint for notes and uploads them to the server so the slides are in sync with the notes
 - C++, pebble.js, Pebble web IDE, Node.js, Bash
- hAikuu
 - A classification machine learning algorithm which generates haikus from a photo by identifying the main subject and searching for conceptually related words and comparing resulting sentences to a database of haikus data mined from online
 - NLP, Flask, Front end, Clairifai API, Facebook API
- Synked
 - Created a web app which allows multiple users to view YouTube videos in sync with each, online
 - Sockets.io, Node.js, Bootstrap
- Quiq
 - Implemented a frictionless way for students to ask relevant questions in class and have the lecturer's answer stored for future reference
 - Firebase, Angular, Recorder.js, Clyp.It, Android Studio