

Alex Sin Hang Wu

ashwu@uwaterloo.ca | (647) 867-1553
142 Verdi Road, Richmond Hill, Canada

EDUCATION

UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR OF
COMPUTER SCIENCE/BUSINESS
OPTION AND SOFTWARE
ENGINEERING OPTION - 3B
Expected December 2017

EARL HAIG S.S.

Graduated May 2012

LINKS

Website: alex-sh-wu.github.io

Github: github.com/alex-sh-wu

LinkedIn: ca.linkedin.com/in/alexshwu

SKILLS

PROGRAMMING

Proficient:

- C++
- Racket
- Python (Self-taught)
- C
- VBA
- JavaScript

In Progress:

- \LaTeX
- Android/Java
- Objective-C
- HTML5

QUALIFICATIONS

- Experienced in developing mobile apps with Android Studio and Xcode
- Able to problem-solve easily, think abstractly, and communicate clearly
- Highly motivated self-starter with excellent interpersonal skills
- Exceptional ability to learn new programming languages quickly
- Strong understanding of object oriented principles and MVC concepts
- Able to work in Linux/Unix environments

WORK

SPRINGBOARD DATA MANAGEMENT | IOS DEVELOPER (XCODE)

May 2015 – Aug 2015 | Toronto, ON

- Developed an iOS app from scratch with very little guidance and direction
- Utilized Google Maps iOS SDK in the mobile app
- Imported data from an Excel spreadsheet into a MySQL database
- Created several pages of the company internal website using HTML, CSS, Javascript, and FusionCharts XT

METROLAND MEDIA GROUP | SOFTWARE DEVELOPER (APPCCELERATOR/TITANIUM STUDIO)

Sep 2014 – Dec 2014 | Toronto, ON

- Created a cross platform shopping list that synchronizes with the company website using caching
- Boosted the Android app rating from 2 stars to 3.5 stars, and the iTunes app rating from 1 star to 4 stars
- Fixed bugs and added new features to the company app, Save.ca

RELEVANT EXPERIENCE AND PROJECTS

HACK THE NORTH

36 HOUR HACKATHON - [HTTP://HACKTHENORTH.COM/](http://hackthenorth.com/)
September 2015

- Built an Android app from scratch in a team of four using Android Studio, MySQL, and phpmyadmin
- Took on the role of a full-stack developer and maintained the code for front-end, back-end, and "middle-end"

ANDROID MOBILE APP

TIC TAC TOE

June 2014

- A.I. uses the min-max algorithm to determine its moves
- Able to play against another human player or A.I.

EXTRACURRICULAR ACTIVITIES

Team Captain	Dodgeball Intramural Beginner
Team Member	Volleyball Intramural Intermediate
General Member	University of Waterloo Computer Science Club

HOBBIES

Biking, cooking, jogging, playing sports, gaming (Hearthstone, L4D2)