Alex Sin Hang Wu

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142 Verdi Road, Richmond Hill, Canada

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for Bachelor of Computer Science
- With Business Option
- With Software Eng. Option
Expected April 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
- C
- VBA
- JavaScript
- Objective-C

In Progress:
- LaTeX
- Android/Java
- HTML5

HOBBIES

- Biking
- Cooking
- Jogging
- Playing sports
- Gaming (Hearthstone, L4D2)

QUALIFICATIONS

- Experienced in developing mobile apps with Android Studio and Xcode
- Able to solve problems critically, 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
- Comfortable working in Linux/Unix environments

WORK

SPRINGBOARD DATA MANAGEMENT | iOS Developer (Xcode)
May 2015 – Aug 2015 | Toronto, ON
- Developed an iOS app from scratch and published it to the app store with very little guidance and direction
- 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 (Appcelerator/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 in new features to the company app, Save.ca

RUBIKLOUD | Python Developer Assistant
Jun 2013 – Aug 2013 | Toronto, ON
- Created functions that produce dynamic SVG charts and graphs using JavaScript and d3.js
- Fixed bugs and maintained code in the Python backend (Tornado framework)

RELEVANT EXPERIENCE AND PROJECTS

HACK THE NORTH
36 Hour Hackathon - http://hackthenorth.com/
Sep 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
Jun 2014
- Implemented an A.I. that uses the min-max algorithm to determine its moves

EXTRACURRICULAR ACTIVITIES

Team Captain   Dodgeball Intramural Beginner