Aldrich Wingsiong

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Skills/Expertise

Program Languages: C++ (primary), Objective-C, C, AngularJS, HTML5, CSS
Version Control: git, gitHub, svn, BitBucket
Frameworks: SpringMVC, Mockito, Cocoa, Twitter Bootstrap

Education

University of Toronto: 3rd Year Computer Engineering, Business Minor **Graduation Date:** June 2016

Professional Experience

Software Development Engineer – Amazon.com **Sept 2014 – present**

- Designing and developing new internal services as part of the Kindle Digital Commerce Platform Team.

Software Engineer – Apple Inc. **May 2014 – Aug 2014**

- Designed and developed a future feature for Xcode Server that enhances the efficiency of code collaboration and continuous integration within the Xcode App.

Software Developer – OANDA Corp. **May 2013 – Aug 2013**

- Designed and developed a web portal now used by the entire company (~300 people) to display historical currency rates. Used HTML, CSS, and JavaScript for frontend and Python along with Google Protobuf for the backend.
- Developed 4 scripting tools in Python that was shipped to HSBC to update OANDA's software and enhance efficiency and compatibility with our system servers.

Personal Projects

Vokko Inc – Idea/Suggestion platform for the workplace (iOS) **March 2014 – May 2014**

- Designed and developed the front-end of the iOS app that enables employees to voice their opinions at work.
- Developed a dynamic feed that pulled pictures, text, and location information from a custom backend powered by Parse and Amazon Web Services.
- Developed UI that allowed users to post photos, text, and share their location in one centralized view.

TapInto – Content Delivery App with NFC Technology (Android) **February 2014 – present**

- Designed and Developed the frontend of an Android app that enables attendees of a conference/event to get contextual information delivered to them using NFC technology.
- Developed the algorithm that allowed users to tap a specific NFC tag, and based on tag ID, would query the server and display the corresponding information on the app.
- Designed the UI for the app that minimized navigation and clutter. All the information is stored in a cloud server and is queried based on which tag users tapped into.

Awards/Accomplishments

- Top App – McGill Hackathon **February 2014**
- 2nd Place Winner - The Next 36 Hackathon **September 2013**
- Professional Engineers of Ontario Scholarship ($1250) **September 2012, 2013**
- FIRST Robotics Waterloo Regional Finalist **May 2011**

About Me

- Student Leader, Car Enthusiast, Foodie, Guitarist, Artist, Boxer, Basketball player, Hacker