

Aldrich Wingsiong

3025 Cedarglen Gate, Unit 56 • Mississauga, ON, Canada L5C 2V7
Phone: (647)388-7188 • E-Mail: aldrich.wingsiong@mail.utoronto.ca

Skills/Expertise

Programming Languages: C++ (primary), Objective-C, C, AngularJS, HTML5, CSS

Version Control: git, svn, gitHub, BitBucket

Frameworks: OpenGL, SpringMVC, Mockito, Cocoa, Twitter Bootstrap

Education

University of Toronto: 4th Year Computer Engineering, Business Minor

Graduation Date: June 2016

Professional Experience

Software Engineer – Nymi Inc.

Jan 2015 – present

- Spearheaded the design, implementation, and deployment of the Nymi Companion iOS app (available on the app store). This app is used to set up your Nymi wearable wristband for the first time and activate your Nymi Band.
- Designed and developed an iOS registration app in partnership with Ubuntu and ForgeRock. Demoed during Mobile World Congress 2015 in Barcelona.

Software Development Engineer – Amazon.com

Sept 2014 – Dec 2014

- Designed and developed new internal services as part of the Kindle Digital Commerce Platform Team.
- Drove the development of an internal web tool using Java and AngularJS that enables users to search for subscription and transaction data across all of Amazon's marketplaces.
- Deployed tools to all of our production servers, used by the entire Digital Content organization and Amazon Prime.

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.

Personal Projects

Omelet Bot - The Automated Omelet Maker

March 2015

- The goal of the project was to create an automated omelet maker that dispensed toppings and egg batter onto a griddle based on a user's order from the companion Mac app.
- Designed and developed a mac application and a backend web server written in nodeJS. This web server was uploaded to an Intel Edison board, which powered the logic of the Omelet Bot.

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.
- Implemented the logic 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.

Awards/Accomplishments

- **2nd Place Winner** – BattleHack Toronto hosted by Paypal and BrainTree
- **Top App** – McGill Hackathon
- **2nd Place Winner** - The Next 36 Hackathon
- **Professional Engineers of Ontario Scholarship (\$1250)**

July 2015

February 2014

September 2013

September 2012, 2013

About Me

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