

Alexander Lim

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Work Experience

Microsoft

Software Engineer Intern

January – April 2015
Redmond, WA

- Worked on the Office Apple Product Experience team, focusing on Excel for Mac and iOS.
- Built the comments functionality for the iPhone version of Excel.
- Built the UI for a feature on Excel for Mac involving syntax highlighting and dynamically loading results.
- Technologies: Objective-C (iOS, Mac OS X), C++, C, Perforce

Quantitative Brokers

Web and GUI Developer Intern

May – August 2014
New York City, NY

- Built a GUI using C++ and Qt providing real-time trading engine data to the trading desk.
- Built a real-time web dashboard for monitoring scripts running on various servers.
- Worked on a Django web application for browsing trade summary data and TCAs.
- Technologies: Python (Django, event), JavaScript (jQuery, Backbone.js), C++ (Qt), git

Pivotal Labs

Agile Engineering Intern - iOS Development

September – December 2013
Toronto, ON

- Built AccuWeather for iOS 7, a weather app providing detailed forecasts and a brand new UI.
- Technologies: Objective-C (iOS), git

Xtreme Labs

Agile Engineering Intern - iOS Development

January – April 2013
Toronto, ON

- Worked on Cypress, a file management application on the iPhone and iPad that synchronizes local storage with Sharepoint, Dropbox, and Box.
- Worked on Karmaloop, a shopping application on the iPhone.
- Technologies: Objective-C (iOS), git

Advanced Software Concepts

Quality Assurance Intern

May – August 2012
Ottawa, ON

- Wrote JMeter scripts to test a web-based contract management system.
- Built a Java utility to automate updating Excel spreadsheets with data from Bugzilla.
- Technologies: Java, JMeter

Skills

Languages

- **Objective-C**, built features for Excel on iOS and Mac; built AccuWeather and Karmaloop for iOS.
- **C++**, built features for Excel, created Qt GUIs and wrote networking code.
- **Python**, built back-end software and scripts, including the script to generate this resume.
- **JavaScript**, built front-ends using both vanilla JS and Backbone.js.
- **Java**, built a Fruit Ninja clone for CS 349 (User Interfaces) using Swing.

Other Projects

OMG UW

www.omg.uw.com

April 2014 – Present

- A site that lets Waterloo students anonymously share stories, questions, and missed connections.
- Responsible for fixing technical issues and moderating submissions and comments.
- Receives 250,000+ page views, 1,000+ submissions, and 1,500+ comments a month, backed by Google's Blogger platform.

Education

University of Waterloo

Candidate for Honours Bachelor of Computer Science

September 2011 – April 2016 (Expected)
Waterloo, ON