

Alexander Lim

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Work Experience

Twitter

Software Engineering Intern (Clients Team, iOS Core Services)

August – December 2015

San Francisco, CA

- Worked on core services for Twitter's iOS client.
- Revamped push and SMS notification settings on the iOS client.
- Technologies: Objective-C (iOS), git

Microsoft

Software Engineering Intern (Microsoft Excel for iOS/OS X, Applications and Services Group)

January – April 2015

Redmond, WA

- Built the cell comments feature in the iPhone version of Excel.
- Built the UI for Microsoft Query on Excel for Mac 2016, which included SQL syntax highlighting and query results that load on scroll.
- Technologies: Objective-C (iOS, 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, gevent), JavaScript (jQuery, Backbone.js), C++ (Qt), git

Pivotal Labs

Agile Engineering Intern (iOS Development)

September – December 2013

Toronto, ON

- Built AccuWeather, a weather app providing detailed forecasts and a new UI for iOS 7.
- 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

Education

University of Waterloo

Candidate for Honours Bachelor of Computer Science

September 2011 – August 2016 (Expected)

Waterloo, ON

Other Projects

OMG UW

www.omg.uw.com

April 2014 – Present

Waterloo, ON

- 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.

Skills

Languages

- **Objective-C**, Twitter (iOS), Microsoft Excel (iOS and OS X), and AccuWeather (iOS)
- **C++**, Microsoft Excel and Qt GUIs and networking code for Quantitative Brokers
- **Python**, Web back-ends at Quantitative Brokers and the script for generating this resume.
- **JavaScript**, Front-ends (vanilla JS and Backbone.js) at Quantitative Brokers.