

# Alexander Lim

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## Work Experience

### 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 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

## Languages

### Experienced

- **Objective-C**, built AccuWeather, Karmaloop, and other iOS apps at Xtreme Labs.
- **Python**, built back-end software and scripts, including the script to generate this resume.
- **JavaScript**, built client-side code using both vanilla JS and Backbone.js.
- **C++**, built Qt GUIs, wrote networking code, and many school assignments.
- **HTML and CSS/SASS**, built web pages for work and for personal use.

### Familiar

- **Rust**, experimented with implementing data structures.
- **Java**, built a Fruit Ninja clone in Swing.
- **Racket**, wrote code to learn about functional programming.

## Other Projects

### OMG UW

www.omg.uw.com

April 2014 – Present

- A site that lets Waterloo students anonymously share stories, complaints, questions, and missed connections.
- Joined the 3 person team being 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