

# Alexander Lim

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GitHub: mlex121

## Education

### University of Waterloo

*Honours Bachelor of Computer Science, Minor in Economics*

September 2011 – August 2016

Waterloo, ON

## Work Experience

### Twitch

*Software Engineering Intern (Platforms Team, iOS)*

May – August 2016

San Francisco, CA

- Built host mode on the Twitch iOS apps, which lets you watch streams hosted by people you follow and host streams yourself.
- Built resume watching on the Twitch iOS apps, which lets you continue watching the VOD of a stream from where you left off.
- Added VOD timestamping to universal app linking and deep linking.
- Technologies: Objective-C (iOS), git

### 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, event), 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

## Skills

### Languages

- **Objective-C**, Twitch, Twitter, Microsoft Excel, and AccuWeather.
- **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.