

# Alexander Lim

Phone: N/A

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## Work Experience

### Twitch

Software Engineer (Mobile Team, iOS)

December 2016–present

San Francisco, CA

- Built Creator Mode, which separated creator features such as broadcasting into another root view.
- Rewrote our app router in Swift from Objective-C.
- Built Watch Parties, which lets viewers watch Amazon Prime Video content along with streamers and required integrating a 3rd party player library with a custom build process.
- Built Multiview and Squad Streaming, which let users watch multiple streams at once.
- Built Raids, which lets streamers send their chat to another streamer when their broadcast ends.
- Built native clip editing, which lets you create and trim clips of your favorite streamers.
- Rewrote the toast system to add queueing and make it testable.
- Assisted in the biweekly release process.
- Mentored junior engineers and interns through the codebase and team processes.

### Twitch

Software Engineering Intern (Platforms Team, iOS)

May–August 2016

San Francisco, CA

- Built host mode and resume watching on the Twitch iOS apps

### Twitter

Software Engineering Intern (Clients Team, iOS Core Services)

August–December 2015

San Francisco, CA

- Revamped push and SMS notification settings on the iOS client.

### Microsoft

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

January–April 2015

Redmond, WA

- Built the iOS cell comments feature and the UI for Microsoft Query on Excel for Mac 2016.

### 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.

### Pivotal Labs (formerly Xtreme Labs)

Agile Engineering Intern (iOS Development)

January–April and September–December 2013

Toronto, ON

- Worked on AccuWeather, Cypress (file management tool), and Karmaloop (shopping app).

## Skills

### Languages

- **Swift**, iOS development for Twitch.
- **Objective-C**, iOS development for Twitch, Twitter, Microsoft Excel, and AccuWeather.
- **Shell scripting (sh/bash)**, Build scripts at Twitch.
- **C++**, Microsoft Excel and Qt GUIs and networking code for Quantitative Brokers.
- **Python**, Web back-ends for Quantitative Brokers and the script for generating this resume.
- **JavaScript**, Front-ends (vanilla JS and Backbone.js) for Quantitative Brokers.

## Education

### University of Waterloo

Honours Bachelor of Computer Science, Minor in Economics

September 2011 – August 2016

Waterloo, ON