

# JONATHAN WANG

School in Los Angeles

Home in San Francisco

✉ : [jonathzw@usc.edu](mailto:jonathzw@usc.edu)

☎ : 415-917-9461

in : [linkedin.com/in/jonathanzw](https://www.linkedin.com/in/jonathanzw)

g : [github.com/JWangatang](https://github.com/JWangatang)

🌐 : [jwang636.wix.com/site](http://jwang636.wix.com/site)

4<sup>th</sup> year, highly motivated, first generation college student seeking a full-time position. Born and raised in San Francisco. Mobile app hobbyist and cycling enthusiast.

## EDUCATION

University of Southern California

'14 – '18

Major: Computer Science

Specialization: Mobile App Development

## WORK EXPERIENCE (more details on LinkedIn)

### Software Development Intern

*Amazon*

May 2017 – August 2017

Built an automated testing platform for the Amazon Video Multi-Device Experience team using Python. Designed a test bench connected to various Fire Tablets and Fire TVs that tested a second screen cloud service. Used a MySQL web service to collect the resulting data for build verification meetings.

Used: Python, MySQL, System Design

### IT Student Worker

*USC Viterbi IT*

December 2015 - present

Provide PC/Mac support for Viterbi faculty and staff. Resolve hardware, software, network, printer and AV problems. Refresh computers with SSDs. Apply updates, patches, and imaging on all Viterbi systems. Utilize ticketing system to log problems and resolutions.

### Full Stack Development Intern

*Budddy (Startup)*

July 2016 – September 2016

Built a mobile web app that cross-compiles natively for iOS/Android using the Ionic and AngularJS frameworks. Developed basic front-end functionality for the web portal using Angular Material. Implemented database functionality with Firebase and added Google analytics.

Used: AngularJS and Material, Firebase, Ionic, HTML5, CSS, JS

## SKILLS (languages, frameworks, applications - in order of proficiency)

Java, C++, Python, Swift 3, Objective-C, C#, HTML5, CSS, JS, MySQL, Ruby || Android, iOS, Firebase, AngularJS, ReactJS, Ionic, Ruby on Rails || Xcode 8, Android Studio 2, Git, Bash, Sketch, Adobe (PS, Illustrator, InDesign)

## PROJECTS (more on GitHub)

### Java and C++

*Amazon Model (C++ and Qt)*: Product list I/O, item search & checkout, Dijkstra product recommendation algorithm

*Sorry! and Scrabble Board Games (Java)*

Multiplayer, networked board games built with Swing

**Sorry!** – unique card functionality, bot A.I. in-game chat, sound effects & animations, custom GUI

**Scrabble** – Waterfall group project. Contributions: letter placement validation algorithm, dictionary search, login functionality, unit tests, & network communication.

### Mobile Development

*iOS (Swift 3 and Objective-C)*

**UpsAndDowns**: Analyze the tone of Facebook posts. Built with IBM Watson's Tone Analyzer, Facebook APK, and Firebase.  
**RoomIn**: Roommate matching with LinkedIn API.

**Facebook's CodePath Projects**: Tip Calculator, Humans of NY Tumblr Feed, Flixr (Movie Browsing App), DIY Instagram & Twitter  
*Android*

**ParkHere**: Airbnb for parking. Semester long agile group project. Built with Firebase and Google App Engine.

## ACHIEVEMENTS

**Fundraiser Keynote Speaker ('14)** - 400+ attendance

**Badminton Team Captain ('13-'14)** - 2 years

**Digital Design Award ('10)** - Projects in Adobe PS, Illustrator, and Dreamweaver

## AFFILIATIONS

**USC**: Cycling Team (E-Board), Badminton Club, CASA, Scope Project Development Club, ACM Member

**College Track** | 2014

**A Better Chance** | 2014

**SMART Program** | 2010