

# Matthew Lin

Full-stack software engineer interested in building innovative products

## EDUCATION

### University of California, Los Angeles

*Bachelor of Science, Computer Science*

September 2013 - June 2017

## EXPERIENCE

### Apple, Cupertino, CA — Software Engineering Intern

June 2016 - September 2016

- Developed a dashboard to analyze **iOS 10** test suites using a **Django** backend, **emberjs** frontend, and **PostgreSQL** database
- Generated **graphical visualizations** of test suites using **c3.js**
- Created a prototype for a companion **iOS app** using **Objective-C**
- **Pitched** an innovative product feature to Senior VP of Marketing

### Taboola, Pasadena, CA — Engineering Intern

June 2015 - August 2015

- Wrote many automated **integration tests** in **Java** to test frontend and backend features using **Selenium** as well as added **Jenkins** support
- Built a **Java** framework using **OOP** and **Selenium** to make it easier to develop test cases by reducing the amount of code written by 50%
- Developed **utility functions** that selected random test cases and kept track of elapsed time for each test, providing useful analytics
- **Documented** testing features extensively and improved productivity

### BuildUCLA, Westwood, CA — Software Developer

January 2015 - June 2015, September 2015 - June 2016, September 2016 - June 2017

- Developed a web application called **eLab-X** used for **file sharing** across various cloud storage devices via the **Dropbox API** and **Google Drive API**
- Implemented **front-end design** using **bootstrap CSS** and **angularjs**
- Used **ScribeAPI's Ruby on Rails** library to transcribe and catalog books
- Wrote a **Python** script that converts useful **JSON** metadata to **XML**

## PERSONAL PROJECTS

### [Tennis Scorekeeper](#) — Wear application ([iOS](#) and [Android](#))

- **Sports app** that displays and calls out the scores of the user's match

### [Bill Util](#) — Mobile application ([iOS](#) and [Android](#))

- **Utility app** that performs calculations for tips, sales tax, income, and rent as well as converts common currency

### [Keepy-Uppy](#) — Mobile game ([iOS](#))

- **Game** where the goal is to keep the ball in the air as long as possible to score points based on the number of taps and combos generated

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<https://github.com/Darthpwner>

<http://darthpwner.github.io>

## SKILLS

**Python** = Proficient

**Swift** = Proficient

**Java** = Proficient

**HTML/CSS/JS** = Proficient

**C/C++** = Familiar

## AWARDS

**1st Place Winner** ([Hack on the Hill 2](#))

**1st Place Winner** ([IDEA Hacks 2016](#))

**Top 4 out of 167 teams** ([Cal Hacks 2.0](#))

**Best use of IBM Bluemix, Most Entrepreneurially Promising Hack by Perkins Cole, 3rd place for Hack that Best Connects Us by Viasat** ([SD Hacks 2015](#))

**Best Mobile Hack** ([HackSC 2015](#))

## LEADERSHIP

### UCLA Circle K International – Technology Chair

March 2016 - March 2017

- Held weekly workshops and developed the [UCLA Circle K website](#), Prezis, and video recaps
- Won 2nd place Outstanding Website Award at DCON

### Pillow Fight Technology Chair

March 2014 - January 2015

- Developed the [Pillow Fight 2015](#) website to raise money for Alexandria House

### UCLA ACM – DevOps Committee Chair

May 2016 - March 2017

- Oversaw the development of two projects (the [iOS checkin app](#) and the [ACM website](#))

