# Matthew Lin

Graduating senior with experience in the software engineering industry

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## EDUCATION

**University of California, Los Angeles**

*Bachelor of Science, Computer Science*

September 2013 - June 2017

## EXPERIENCE

### Apple, Cupertino — *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**

### Taboola, Pasadena — *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

### BuildUCLA, Westwood — *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

– Implemented **front-end design** using **bootstrap CSS** and **angularjs**

– Incorporated a **file opener** from the user's local drive using **HTML** and **PHP** and added support for features such as copying and moving files for the **Dropbox API** and **Google Drive API**

– Used **ScribeAPI**'s **Ruby on Rails** library to transcribe and catalog books

## PERSONAL PROJECTS

### Bill Util — *Mobile application (released for iOS and Android)*

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

### Keepy-Uppy — *iOS Swift game (released for iOS)*

– Uses **SpriteKit** library for physics, **AVFoundation** for music, and **auto layout** for design

### Super Hamster Ball — *WebGL JS game (on my website)*

– A 3-D platform game that utilizes **WebGL** to form a virtual world of hamsters and obstacles

## SKILLS

C++/C

Java

Swift

HTML/CSS/JavaScript

Python

## 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)

**Top 30 out of 360 teams** (LA Hacks 2015)

**Best Mobile Hack** (HackSC 2015)

## LEADERSHIP

**UCLA Circle K International** – *Technology Chair*

March 2016 - March 2017

Held weekly workshops and organized the club committee that oversees the UCLA Circle K website, Prezis, and video recaps

*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)