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**
- Built a **Java** framework using **OOP** and **Selenium** to make it easier to develop test cases
- Developed **utility functions** that selected random test cases and kept track of elapsed time for each test

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, HTML,** 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**

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)