

# Matthew Allen Lin

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## Education

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Expected Graduation: June 2017

B.S. IN COMPUTER SCIENCE

## Experience

QA AUTOMATION INTERN, TABOOLA

JUN 2015-AUG 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

FULL-STACK WEB DEVELOPER, BUILDUCLA

JAN 2015-JUN 2015, SEP 2015-PRESENT

- Worked on a **web development** project called elab that is used for file sharing
- Implemented **front-end design** using **bootstrap CSS**, **HTML**, and **Backbone JS**
- 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**

## Projects

KEEPLY-UPPY

SEP 2015

- **iOS game** on the **App Store** that is compatible with all **iOS devices**. Used **MVC**, **OOP**, and **singletons**
- Written in **Swift**. Used **SpriteKit** library for physics, **AVFoundation** for music, and **auto layout** for design

ROBOHOME (IDEA HACKS 2016)

JAN 2016

- Multi-device platform (**Myo**, **Android**, **Pebble**, **Windows**) that automated a miniature household
- Integrated an **Android app** with **Arduino**, designed most of the UI/UX, and integrated the **Parse API**

LIGHTHOUSE (HACKSC 2015)

NOV 2015

- **iOS app** that provides warnings and information about disaster situations such as the Paris Terror Attacks
- Used **Swift** to integrate camera and audio and created **frontend** of web facing app using **Bootstrap CSS**

HUMANS WITHOUT BORDERS (SD HACKS 2015)

OCT 2015

- **iOS app** that matches Syrian refugees to hosts. Refugees send text messages to **Twilio**, while hosts send information to **Parse** via **FB authentication**.
- Used **Swift**, **Google Maps**, **IBM Bluemix**, **MapKit**, and **Node.js**

BRAINSPACE-VR (CAL HACKS 2.0)

OCT 2015

- Generates a **3-D simulation** of the brain so the user can learn more information about specific regions
- Incorporates **Oculus Rift**, **Myo**, **Muse**, and written in **C#** for Myo gestures and **Python** for web scraping.

## Honors and Awards

1st Place Winner (IDEA Hacks 2016)

Top 4 out of 167 teams (Top 2.395%) (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 (Top 8.33%) (LA Hacks 2015)

Best Mobile Hack (HackSC 2015)