KEVIN LIN

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Education

2014 – **RICE UNIVERSITY**, HOUSTON, TX
ELECTRICAL AND COMPUTER ENGINEERING + COMPUTER SCIENCE
3.85 GPA | PRESIDENT'S HONOR ROLL | GRADUATING MAY 2018

Fund Electrical Engineering I and II, Electronic Materials and Quantum Devices, Intro to Physical Electronics, Fund Computer Engineering, Computational Thinking, Algorithmic Thinking
In progress: Signals and Systems, Random Signals, Digital Logic Design, Intro to Neuroengineering, Introduction to Program Design

Experience

SUMMER 2015 **YELP**, SAN FRANCISCO, CA
SOFTWARE ENGINEER INTERN – CONSUMER WEB TEAM

Designed and built an email campaign system to increase reviews from users who order off Yelp Platform.
As a side project, developed an internal command line interface for developers to order coffee from the Yelp cafe.
Currently redesigning and implementing a new user interface for Yelp's site-wide photo uploader.

Projects

2015 **SECURETAP**, HACK RICE, HOUSTON, TX – BEST HARDWARE HACK
ANDROID, WEB, ARDUINO | www.github.com/LINKIWI/SecureTap

Built an Arduino-controlled RFID card authentication system, powered by a Flask web app and managed remotely with an Android app that controls card authentication access and user accounts.

2015 **MIND VERSUS MIGHT**, HACK PRINCETON, PRINCETON, NJ – BEST USE OF MUSE API
ANDROID, ARDUINO, MUSE HEADBAND | www.github.com/Abhipray/MindVsMuscle

Designed and built a robotic arm-wrestling game controlled by the player's brain waves, as read by a Muse headband. Raw EEG data is sent via Bluetooth to an Android app, which processes the information and remotely sends data to an Arduino controlling a motor on a custom-built arm-wrestling mechanism.

2015 **AROUND THE WORLD IN 80 DAYS**, HACKDFW, DALLAS, TX
WEB | www.aroundtheworldin80days.us | www.github.com/LINKIWI/AroundTheWorldIn80Days

Using live flight data obtained via Sabre's travel API, we construct a massive directed graph and attempt to solve a modified version of the traveling salesman problem on a literally global scale, using a modified A* algorithm to build a Hamiltonian path around the world that takes exactly 80 days to complete.

2014 **RICE ROOMMATE FINDER**
WEB | roommatefinder.riceapps.org | www.github.com/rice-apps/roommate-finder

Led development of an open source, Flask-based web app for Rice students looking for off-campus housing. Designed the Flask + SQLite backend and implemented the full frontend interface. Used technologies Python (Flask), SQLAlchemy, AngularJS, and Bootstrap CSS. 350+ registered users.

2014 **MOBILE MANAGER FOR CLOUDFLARE**
ANDROID | www.cloudflaremanager.com | www.github.com/LINKIWI/MobileManagerForCloudFlare

Developed and actively improving a native Android mobile application providing website administrators an interface for configuring CloudFlare's content delivery network options for their domains. 3000+ downloads.

Honors

2014 School of Engineering full tuition scholarship
2014 National Merit Scholar