

Richard Jeffrey Heng

562.253.8604 ▪ rheng001@gmail.com ▪ <http://www.richardheng.me/> ▪ US Citizen

EDUCATION

University of California, Riverside
Bachelor of Science in Computer Science

June 2018

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C/C++, HTML, CSS, Bash
Software: Visual Studio Code, Android Studio, Microsoft Visual Studio, PyCharm, Github, Vim, Matlab, Sublime Text 3, BlueJ, Atmel Studio
Additional: React, React Native, NodeJS, MySQL, Flask, PostgreSQL, Heroku, CodePush

EXPERIENCE

Lead Mobile Developer - MyCampusMate

May 2017 – Present

- Lead a team of 3 programmers in mobile app development
- Created the underlying architecture for the mobile app and oversaw all development phases
- Delegated and coordinated daily development activities to team members.

PROJECTS

MyCampusMate- React Web App

- Produced a responsive react website for a companion mobile app.
- Created a UI dashboard using React that allows student organizations and school faculty to produce, manage, and promote content to students within the app

RMate V2- React Native App (Apple App Store & Google Play Store)

- Developed a React Native Mobile app that efficiently and reliably give students access to valuable school resources with ease
- Spear-headed the App(Javascript) redesign process to be iOS and Android compatible for all users
- Lead Project manager responsible for managing front-end and back-end operations within a team
- Established a mobile-friendly class management system that improves a student's time in quickly accessing critical classroom information and notifications
- Increased student participation in school-wide events by creating a responsive event system that allows students to easily view, interact, and navigate to current school events
- Took on the challenge of designing and implementing a school GPS navigation system using Google Maps and Apple Maps API that allows students to easily find key location points around a campus

RMate V1- Android App (Google Play Store)

- Built a university campus navigation app(Java) that would help and guide students find to classrooms and buildings around UC Riverside's large campus
- Lead developer responsible for front and back end implementation
- Implemented an open source GPS map platform for live school event navigation and local points of interests
- Cooperated with a school research team to conduct student research studies by providing scheduled daily surveys to students within the app

ACHIEVEMENTS

UCR Cutie Hack Winner(May 2017): Led a team of three students in designing, coding, and implementing a prototype phone application that would help and guide students around UCR's large campus