

Richard Jeffrey Heng

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EDUCATION

University of California, Riverside
Bachelor of Science in Computer Science

June 2018

TECHNICAL SKILLS

Languages: JavaScript, Ruby, HTML5, CSS, Java, Python, C/C++
Software: Visual Studio Code, Docker, Postman, Android Studio, PyCharm, Git/Github, Vim, Matlab, Sublime Text 3, BlueJ, Atmel Studio
Additional: React, React Native, Ruby on Rails, Haml, jQuery, NodeJS, Webpack, MySQL, Flask, PostgreSQL, Heroku, AWS, RESTful APIs, CodePush, Asana

EXPERIENCE

Lead Mobile Developer - MyCampusMate **May 2017 – Present**

- Designed and architected underlying app infrastructure using React Native.
- Managed and maintained mobile app store deployments and OTA updates with CodePush.
- Oversaw and delegated daily development activities to team members with Asana.

Web Developer - Givsum **April 2019 – March 2020**

- Designed and implemented custom front-end features from client requests.
- Revamped platform UX which lead to improved user discovery and usage.
- Fixed bugs from existing platform and implemented enhancements that significantly improved web functionality and performance.
- Translated UX wireframes and mockups into responsive and reusable components.
- Improved platform security using reCAPTCHA to prevent bot spam attacks.

PROJECTS

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

- Lead development of React Native Mobile app that efficiently and reliably give students access to valuable school resources with ease.
- Spear-headed mobile app refactoring process from Android(Java) to React Native(Javascript).
- Implemented 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.
- Designed and developed a Push Notification feature that allows school faculty to send important notifications and surveys increasing campus awareness and student engagement by 80%.

MyCampusMate- React Web App

- Created a responsive React web application to communication between web app and companion mobile app.
- Built an Admin dashboard that allows school faculty to produce, manage, and promote content to students.
- Designed data visualization and analytics for user feedback and engagement.

ACHIEVEMENTS

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