

Wei Kang Ong

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Online Resume: <https://weikangong.github.io/>

Currently in an internship at the bay area



Education

Aug 2016 – Dec 2019
(Expected graduation)

National University of Singapore

- Bachelor of Engineering (Honors) in Computer Engineering

Jan 2012 - Dec 2013

Anderson Junior College

- Singapore-Cambridge General Certificate of Education Advanced Level

Work Experience

Jan 2018 - Present

2RedBeans

Full Stack Software Engineering Intern

- Developed features on the React Native mobile app, such as revamping the chat system to incorporate offline mode, profile gamification and new animations
- Developed features on the React website, such as new landing page, events page and payment processing
- Implemented back-end APIs using Ruby on Rails, JavaScript, MySQL and MongoDB
- Developed a recommendation algorithm that generates potential matches for users
- Enhanced user safety through the implementation of a dating chatbot
- Improve code coverage using end-to-end tests written in Detox framework

May 2017 – Aug 2017

Manifera Software Development Pte Ltd

Software Engineering Intern

- Led a team of 7 engineers to develop an inventory management system for the KK Women's and Children's Hospital in Singapore
- Developed the web-based management application using the MEAN framework
- Integrated hardware sensors and software for a seamless real-time monitoring system

Hackathons

Apr 2018

Third Place at the BroncoHack Hackathon

- Addressed one of the problems of social injustice, the invisible and prevailing problem of loneliness
- Developed Kodo, an iOS chatbot App using Swift and Google's Dialogflow API that communicates with people who feel lonely

March 2018

Best App for Emergency Medical Services at the FirstNet Hackathon

- Addressed the problem of prolonged time taken to transfer medical records from the emergency scene to the emergency room
- Developed MedGel, comprising of a speech recognition iOS app utilizing IBM Watson's speech-to-text recognition technology for paramedics and a live update dashboard for the ER doctors

Sep 2017

Startup Weekend Singapore Mega

- Led a team of 7 participants in transforming an idea into a startup within 54 hours
- Developed a location-based application prototype for users with similar interest to mingle, with venue optimization as our core business model

Skills

C, Java, JavaScript, React Native, React, AngularJS, MySQL, MongoDB, Ruby on Rails, Redis, Realm, Detox framework