

BEN KIM

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EXPERIENCE

THE SWIM APP – San Francisco, CA + Remote

Software Engineer Intern - Fullstack

Aug 2020 – Present

- Fullstack intern for Swim, a social network with an emphasis on locality and nonlinear content feeds
- Technical owner of Firebase integration (real-time chat, push notifications), content feeds, and user onboarding
- Designed user navigation, auth, and state management (Provider) in the Flutter frontend mobile application
- Implemented content feeds, sorting, filtering and user interactions in Laravel PHP backend

CIBIC - Remote

Cofounder, Fullstack Developer

Jan 2020 – July 2020

- Creator of a social platform for civic engagement and discourse to assist in Chile's political movement
- Led a cross functional remote team of 14. Designed the PRD and a v1 high fidelity wireframe in Figma
- Created an IOS/Android mobile app in Flutter/Dart using Redux state management and Firebase
- Implemented content feeds, search, and user/hash tags for the backend REST API using Node, Nest, Typescript, MongoDB, PostgreSQL, and BASH. Containerized all services with Docker and deployed with AWS (EC2/RDS)

SODA LABS – Taiwan, Taipei + Remote

Software Engineer Intern - Android

May 2019 – Sep 2019

- Developed an enterprise use, collaborative touch display with stakeholders and engineers from Microsoft/Foxconn
- Collaborated daily with product managers and designers for UI and feature implementation
- Implemented iOS Airplay compatibility for screenshare in core Launcher app (Kotlin, Java, Gradle, Android, RX)
- Reduced technical debt by updating the CircleCI pipeline to include code coverage checks and by writing integration tests for core behaviors. Utilized pidcat and adb for debugging

DIVISION OF DATA SCIENCE - UC Berkeley

Research Management Intern

Jan 2018 – Sep 2018

- Taught and developed a research course for students from underrepresented backgrounds. I hosted guest speakers from industry/academia and held workshops for pandas, Numpy, Sklearn, R, Tensorflow, and Keras
- Provided technical consultation for 100+ undergraduate researchers and increased our research partnerships by 30% for the Discovery Research Program

MEIFLOWER FOUNDATION – Ningxia, China + Remote

Cofounder

June 2013 – Aug 2016

- Fundraised and dispersed micro-finance loans to provide entrepreneurial opportunities for impoverished families, women and differently abled people
- Oversaw the development of wells, computer labs, medical clinics, and educational scholarship distributions
- Led a team of 25 international volunteers and developed partnerships with corps/non-profits in Shanghai

PROJECTS

THANKTANK

- A social platform where users can express gratitude. Built with Ruby on Rails, React, Flutter and Dart

CO-CREATECONTAINERS.COM

- An IOT network for smart homes with sensors and controllers. An ESP8266 Arduino (C++) pings MQ Broker which pings the backend API (Django/Docker/AWS) that serves JSON to mobile (Flutter) and web (React)

SELF DRIVING CAR SIMULATOR

- Convolutional Neural Network made in Python/Keras that steers a simulated vehicle. Created a data pipeline to automate training data generation and pre-processing

EDUCATION

PASADENA CITY COLLEGE

2015 - 2017

Associates Degrees: Mathematics, Business, Sociology, and Humanities (GPA 4.0)

SKILLS

Python, Kotlin, JavaScript, TypeScript, Ruby on Rails, Django, Node, Express, React, Flutter, Dart, Docker, AWS