

Andy Lai

anlaics2@gmail.com ❖ (415) 572-9973 ❖ San Francisco, CA

andy-lai.com ❖ GitHub: anlai2

PROJECTS

Folio

Oct. 2017 – Present

School Project

San Francisco, CA

- Acted as team lead of a group of 4 for final project to develop a mobile app that utilizes a public API and database.
- Developed components in React Native to display daily cryptocurrency prices, user's portfolio value, and current news headlines in cryptocurrency
- Produce reusable components such as Buttons, Headers, and Cards to allow team members to pursue their own project after learning React Native under my lead.
- Parsed API response data in a way that would display each screen efficiently by only storing data that is relevant to what the user owns.
- Published on Apple and Play Store

SoMa

Aug. 2017 – Present

Personal Project

San Francisco, CA

- Developed a Craigslist-esque platform in React Native while integrating SafeTrek API to ensure users are safe while they are making their transactions with strangers.
- Created a backend API for user creation, buy/sell post storage, and error validation for future web integration.
- Dealt with iOS and Android native components to ensure the UI was consistent on both platforms by detaching the development from React Native

The Breakfast Guys

June 2017 – Feb. 2018

Web Developer

South San Francisco, CA

- Developed a remote web application with the MERN stack for The Breakfast Guys during their transition of removing their outdated desktop application from their work flow.
- Created a simple Python script to format the workers' .csv files to JSON data to display nicely on their website.
- Increased work efficiency by allowing some workers to work from home instead of depending on the desktop application on their office computer.
- Allowed vendors of The Breakfast Guys to view orders as soon as they are sent rather than when paper invoices are dropped off at the warehouses.

EDUCATION

San Francisco State University

Aug. 2015 - May, 2019

B.S Computer Science

San Francisco, CA

- Coursework: Theory of Computing, Data Structures, Software Development, Human-Computer Interaction, Software Engineering, and Analysis of Algorithms
- Tutor for ACM@SFSU for lower division undergraduate students.
- Young Life leader that organized meetings for young college students to meet and engage weekly.

SKILLS & INTERESTS

- **Proficient:** JavaScript, Java, React, Express, Node.js, MongoDB, React Native, and Git/Version Control
- **Familiar:** Python, C++, PostgreSQL, and Bootstrap