

# Andy Lai

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## PROJECTS

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### 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.

### 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Developed a remote web application with the MERN stack for The Breakfast Guys during their transition of removing their outdated desktop application from their work flow.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

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### 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

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