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Andy Lai

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EXPERIENCE

Technical Intern **Essention Group Inc.** **August 2018 – Present**
Technology/Management Consultant *San Francisco, CA*

- Automated various scripts that count inventory and metrics to visually pipe through Splunk.
- Develop script to handle permissions access of over 250 employees for SharePoint web parts/subsites.
- Identify and analyze trends in complex data sets using statistical techniques to provide ongoing reports.
- Hosted and managed daily stand up meetings in order to increase workflow throughout company.

Software Engineer Intern **Luggage Teleport** **June 2018 – August 2018**
Small Startup *San Francisco, CA*

- Worked in an agile environment by developing features weekly and analyzing user feedback.
- Developed mobile application for customers and drivers from scratch with React Native/Redux.
- Handle AWS backend cloud services such as SES, EC2, LightSail, Cognito, S3, DynamoDB, and Lambda.
- Cleaned up existing React codebase by enforcing a style guide and utilizing Redux.

Instructor **San Francisco State University** **August 2018 – Present**
Advanced Software Lab *San Francisco, CA*

- Instructed a class of 40 in order to build their own responsive portfolio website to showcase their work.
- Created and prepared weekly presentations and demos to engage students' learning alongside their final project.

Teaching Assistant **August 2018 – Present**
Software Development *San Francisco, CA*

- Assisted students in learning software design patterns, source/version control, and REST API design.
- Acted as Project Manager for students' React/Electron app final project to mimic real work culture.

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

PROJECTS

Folio   **Oct. 2017 – May 2018**

- Developed mobile application with React Native from scratch in order to view current cryptocurrency portfolio

Fawbyr **May 2018 – August 2018**

- Developed an image hosting web app while following Software Engineering principles.
- Acted as Full Stack lead to ensure product was being developed to follow MVVM architecture

SoMa **March 2018 – May 2018**

- Developed/designed a craigslist-esque application while ensuring users are safe during transactions.
- Worked with Noonlight engineers to implement features on a weekly basis, review code, and deploy product.

Mappuccinno   **Feb. 2017 – May 2017**

- React Native application that displays nearest coffee shops near the user that focused on UI/UX design.

SKILLS & INTERESTS

- **Proficient:** JavaScript, Java, React, Express, Node.js, MongoDB, and React Native
- **Familiar:** Python, C++, Postgres, and Bootstrap
- **Frameworks/Tools:** Git, SharePoint, AWS, Heroku, Splunk, Firebase, Expo, Trello/Asana, and Slack