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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

- Develop various scripts 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.

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.
- Market and feature product at major tech/travel conferences in order to increase adoption of application

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' Android 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, Selenium, Firebase, Expo, Trello/Asana, and Slack