FANGRU ZHOU

(858) 952-9930   fangruz@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

React, Redux, Javascript, Python, Java, Flask, HTML, CSS, SQL, Git, Express.js, Node.js, Sequelize, JQuery, SQLAlchemy, AWS S3, Docker, OOP, REST, SCRUM, Agile, KanBan, Canva, Github, GIMP, Microsoft Excel

PROJECTS

LIZUVIA (Flask, ReactJS)   live | github

Lizuvia is a website clone inspired by PotteryBarn. It's an e-commerce platform specially for home decoration products.

- Produced the product listings' **UI** using React, **CSS3** and user-centered design techniques , improving usability and user retention
- Designed a conditional editing based on the time of order placing, using **React** to conditionally render the edit form depending on the local state, allowing users to edit their orders inside the order details page component.
- Implemented custom searching and sorting to facilitate product searches throughout the site using **Flask-SQLAlchemy**.
- Utilized **AWS S3** to implement product image uploads reducing server load, allowing for scalability of image services and reducing the likelihood of data loss.

LEGENDHOOD   (Flask, ReactJS)   live | github

Legendhood is a website clone inspired by Robinhood. Legendhood displays live stock data and replicates the functionality of buying and selling stocks.

- Designed and created custom backend table modals using **Python Flask**, allowing for efficiently returned JSON data.
- Processed and displayed real-time stock price data by leveraging **Finntech stock API** and Alpha-Vantage stock news API
- Display stock price data charts with **Chart.js** library to visualize large stock information datasets.
- Implemented custom search for searching through stocks using **SQLAlchemy** query.
- Includes convenience methods for rapidly converting CSV files to JSON files using **Python**.
- Design and developed a movement-based animation using **CSS3** on the splash/home page.

SIMPLYBNB   (Express, ReactJS)   live | github

A web app inspired by Airbnb, built with Sequelize, React, Redux, HTML5, and CSS3

- Configured the **Node** backend, using **Sequelize ORM** for validation and database queries.
- Managed scheduling a booking CRUD using **Express** backend framework to handle possible conflict bookings.
- Integrated **Google Maps API** to dynamically present booking locations based on user parameters

EXPERIENCE

Heart To Heart Gifts, Inc   **San Diego, CA**

Controller   Mar 2015 - Mar 2021

- Developed multi-channel sales ideas, brought business revenue from 1M to 6M.
- Supervised, trained and led a total of 5 accounting clerks.
- Developed cost savings ideas, resulted in advertising cost reduction of 50%.
- Prepared financial reports, financial forecasts and statements to understand the financial state of business and assisted management with important financial decisions.

Accountant   Oct 2012 - Mar 2015

- Analyzed and maintained an adequate system of accounting records and a comprehensive set of controls designed to mitigate risk.
- Tracked and managed sales and expenditures in excess of $5 million annually.
- Accountable for the integrity of financial statements to the bonding company and management.

EDUCATION

Software Development / Web Development - *App Academy | Sep 2022*

Master of Science in Accountancy - *San Diego State University | May 2012*

Bachelor of Business Administration in Marketing - *Beijing, China | July 2007*