

(737) 529-4307 lijuanxu@hotmail.com PORTFOLIO GITHUB LINKEDIN

SKILLS

Languages: Javascript, Python, SQL, HTML, CSS

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgresQL, AWS, Docker

Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Scrum Methodologies

PROJECTS

Bearbnb (Express, ReactJS)

An AirBnb clone, built with React, Redux, Javascript, HTML, and CSS

- Constructed the front-end JavaScript used in the application to create an interactive user interface with minimal page refreshes
- Improved performance by organizing the application's architecture via React Router to reduce loading times, page refreshes, and React component re-renders
- Utilized AWS S3 to implement image uploads to reduce server load and allow for scalability of image services

Smartsplit (React, Redux, Python, HTML, CSS)

live | github

A Splitwise clone for splitting expenses with your friends, built with React, Redux, Python, HTML, and CSS

- Designed the majority of the application with custom CSS, including the splash page, login and sign-up pages and sidebars, to create a seamless user experience between every feature
- Improved performance by organizing the application's architecture via React Router to reduce loading times, page refreshes, and React component re-renders
- Implemented custom React components to create a single-page website with fully dynamic data rendering

Emarty (React, Redux, Python, HTML, CSS)

live | github

An e-commercial web application inspired by Etsy, built with React, Redux, Python, HTML, and CSS

- Connected the Express backend to a PostgreSQL database, utilizing the Sequelize ORM to seamlessly validate data and make database queries
- Utilized AWS S3 to implement image uploads to reduce server load and allow for scalability of image services
- Engineered a customizable search feature with Redux to allow users to search a variety of characteristics and find results that fit their specific criteria

FXPFRIFNCF

Research Assistant - University of Texas at Austin

August 2021 - May 2022

Research Assistant & Resident Pediatrician - Shanghai Xinhua Hospital Affiliated to Shanghai Jiaotong University School of Medicine September 2014- June 2017

EDUCATION

Web Development - App Academy

July 2022 - January 2023

- Rigorous 1000-hour full stack software development course with <3% acceptance rate
- Coursework included: JavaScript, Python, React, SQL, Test Driven Development (TDD), Object Oriented Programming (OOP), algorithms, data structures, system design patterns, system architecture, and programming best practices

PhD Biology - University of Texas at Austin

August 2021 - May 2022 | GPA: 3.73

MS Pediatrics - Shanghai Jiaotong University School of Medicine

September 2014- June 2017 | GPA: 3.52

MD Clinical Medicine - China Medical University

September 2009- July 2014 | GPA: 3.35