Lijuan Xu

(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)   live | github
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

EXPERIENCE

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*