

CHRISTY XIU

Software Engineer

213-421-7699 | christyxiu@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio Site](#) | Irvine, CA

SKILLS

Languages: JavaScript, Python, SQL, HTML5, CSS3

Frameworks/Tools: React, Redux, Flask, Node, Git, Express, Sequelize, AWS S3, SQLAlchemy, PostgreSQL, Render

Other Skills: Mandarin, Microsoft Office, QuickBooks, Salesforce

EDUCATION

App Academy | Immersive Software Development Bootcamp focusing on full-stack web development January 2023

Pepperdine University | MS in Global Business, Concentration in Leadership, GPA 3.9 April 2021

University of Southern California | BS in Business Administration, Courses in Business Analytics December 2019

PROJECTS

LoveCupid (*JavaScript, Python, React.js, Redux, AWS S3, Flask, SQLAlchemy, PostgreSQL, Render*) [Live Site](#) | [Github](#)

A modern and user-friendly full-stack dating web application inspired by OkCupid

- Developed full CRUD functionality on profiles, likes/dislikes, blogs, matches, and compatibility between users.
- Designed PostgreSQL database schema and a match percentage algorithm based on personality questions.
- Ensured user security and authentication with Flask-SQLAlchemy, Flask WTForms, Flask-Login, built-in, and customized error validations to avoid unnecessary AJAX requests which improve performance.
- Refactored and optimized Redux store implementation to increase performance and slash React render times.

Robinhold (*React.js, Redux, Python, Flask, HTML, CSS, SQLAlchemy, PostgreSQL, Live API Fetching*) [Live Site](#) | [Github](#)

A pixel-perfect clone of Robinhood for users to trade stocks, track transactions, and watch market insights

- Collaborated with a team of three developers using Agile methodology and efficient git workflow.
- Participated in daily morning standups to plan goals and expectations of the day and end-of-day meetings to update the team with new progress and blockers on the project.
- Integrated with third-party APIs for real-time stock market prices and news updates.
- Implemented a search feature that pulls data from PostgreSQL database allowing users to filter stock symbols.

AirBbb (*JavaScript, React, Express, AWS Lambda, Node, Redux, Sequelize, HTML5, CSS3, Heroku*) [Live Site](#) | [Github](#)

A full-stack clone of Airbnb, featuring both the travelers' side and the hosts' side

- Integrated user authentication and BCrypt.js for secure password hashing and a safe and protected UX.
- Developed features for travelers to browse spots' pictures, amenities, and reviews, make, edit, and cancel reservations, and write and delete reviews, for hosts to upload new spots and manage existing spots.
- Utilized CSS3 to make the site look identical to the actual Airbnb website.
- Leveraged Redux and React Hooks to optimize React components management and code readability.

EXPERIENCE

Administrative Director & Co-founder | Irvine International Education Center February 2021 – July 2022

- Implemented a childcare management system resulting in 75% time saving on the registration process.
- Planned collaboratively with staff and vendors for eight summer camp field trips and multiple school events.
- Coordinated the flow of information among the school, staff, students, parents, and visitors.
- Grew the business from 2 to 13 employees, from 9 to 125 registered students, and from 1,000 to 5000 sqft.