CHRISTY XIU
Software Engineer

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SKILLS

Languages: JavaScript, Python, SQL, HTML5, CSS3
Frameworks/Tools: React.js, Redux, Flask, Node.js, Git, Express, AWS, SQLAlchemy, MongoDB, PostgreSQL, Render
Other Skills: Algorithms, Agile Development, Test-Driven Development, Mandarin, Microsoft Office, QuickBooks

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

- Designed PostgreSQL database schema and a match percentage algorithm based on personality questions.
- Utilized JavaScript array filter and map functions to define like or dislike connections between two users.
- Ensured user security and authentication with Flask WTForms, built-in and customized error validations.
- 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, efficient git workflow, daily morning standups to plan goals and expectations, and end-of-day meetings to update new progress and blockers.
- Researched and integrated live third-party API fetching for real-time stock market prices and news updates.
- Utilized pair programming approach to ensure high-quality code and common understanding of others' codes.
- 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

- Developed a listing feature(front-end and back-end) to interact with spot data flow through Express.js and SQL.
- Implemented dropdown calendar selection and date validations for users to make, edit and delete reservations.
- Utilized CSS3 such as flex and border-radius to make the site look identical to the actual Airbnb website.
- Engineered backend server routes and secure password hashing using sequelize joining queries and BCrypt.js.

EXPERIENCE

Full Stack Developer Intern| DemocracyLab - Seattle, WA (remote)   September 2023 – Present
- Work with the lead software developers towards a fully-fledged CI/CD pipeline.
- Create delightful user experiences and build the functionality of the web platform using Javascript and Python.

Administrative Director & Co-founder | Irvine International Education Center   February 2021 – August 2022
- Implemented a childcare management system, resulting in 75% time savings on the registration process.
- Grew the business from 2 to 13 employees, 9 to 125 registered students, and 1,000 to 5000 sqft.

EDUCATION

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