

Lola Marrero

Software Engineer

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SKILLS

Languages Javascript, Python, HTML5, CSS3, C++, fluent in English and Spanish

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, AWS, Docker, Render, Git, Postman, npm, nvm, Linux, Mocha, Chai, Node.js, AWS S3

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

PROJECTS

Lemon Attire (JavaScript, React / Redux, HTML, CSS, Python, Flask, SQLAlchemy, Postgres, AWS S3, Email.js, Mapbox) [live](#) | [GitHub](#)

A full-stack e-commerce web app, offers an enhanced shopping journey for clothing enthusiasts.

- Engineered a user-centric front-end interface that ensures smooth browsing, enabling users to categorically search for items while showcasing product versatility through color choices and multiple images, facilitating a comprehensive understanding of the item's visual details.
- Implemented a well-structured database design with relational concepts to manage product variations, while also establishing connections between individual order items and orders, allowing dynamic updates to maintain consistency and accuracy in representing user purchases.
- Leveraged the capabilities of the Redux store and intricately crafted React components to monitor the cart's item count in real-time, displaying immediate updates whenever users add or remove items, or empty the cart, ensuring a fluid and accurate shopping experience.

Bone Apple Teeth (JavaScript, React / Redux, HTML, CSS, Python, Flask, SQLAlchemy, Postgres) [live](#) | [GitHub](#)

A responsive full stack web application inspired by OpenTable developed as a group project.

- Collaborated effectively within a team environment, contributing valuable insights and diligently executing tasks to achieve project goals collectively.
- Introduced features that cultivate user engagement, such as the ability for users to save their preferred restaurants as favorites, adding a layer of personalization to their experience.
- Employed "lazy joined" techniques within the models, enhancing database efficiency by optimizing data retrieval and ensuring a seamless navigation experience while managing database resources efficiently.
- Designed an interface that presents restaurant listings in an attractive manner, incorporating images, descriptions, and ratings to enhance the user experience.

Pawbnb (JavaScript, React / Redux, HTML, CSS, Node.js, Express.js, Sequelize, Postgres) [live](#) | [GitHub](#)

A comprehensive full stack web application modeled after Airbnb for your pets.

- Implemented a robust user authentication system utilizing JWT, bcrypt, and validations to encompass secure registration, login and sign up features.
- Developed role-based authorization for restricted access to certain features, for example, only the owner of a spot can edit the spot details.
- Designed custom SQL queries to reduce server load and avoid N + 1 issues.

WORK EXPERIENCE

Realtor - Coldwell Banker, Capitola, CA

Jan 2016 - Feb 2018

- Facilitated property transactions by connecting buyers and sellers, focusing on understanding client needs, showcasing properties, negotiating deals, and guiding clients through the buying or selling journey.
- Collaborated with clients to understand unique requirements and preferences, enhancing client satisfaction.
- Utilized effective communication and negotiation skills to orchestrate successful property deals, while leveraging digital tools for property listings and client communication.

Real Estate Photography Assistant - John Terry Photography, Santa Cruz, CA

Jan 2015 - March 2020

- Engaged with clients during photoshoots to discern their preferences and requirements.
- Elevated brand appeal through successful digital marketing campaigns and enhanced portfolio visibility.
- Handled vital office operations, encompassing bookkeeping, invoice oversight, tax preparation, collections tasks, and meticulous billing record maintenance in company databases.

EDUCATION

App Academy - Immersive full-stack software development course with <3 % acceptance rate.

Sept 2022- Sept 2023

Cabrillo College, Santa Cruz - Coursework: Intro to C++ Programming, Advanced C++ Programming

Jan 2021 - Dec 2021

University of California, Santa Barbara - Double Major: Bachelor's in Sociology and Bachelor's in Spanish

Sept 2011 - Sept 2013