

# Lucas Monteiro

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**SKILLS**   JavaScript, Python, React, Redux, HTML, CSS, Flask, Node.js, Express, PostgreSQL, SQLAlchemy, Sequelize, Git, Native Speaker in Portuguese, Intermediate Speaker in Spanish

## PROJECTS

**Getaway** (Python, JavaScript, React, Redux, CSS3, PostgreSQL, Flask, Docker)

[Live Site](#) | [Github](#)

*Inspired by Airbnb, a web app that allows users to post rental listings in Brazil and users can leave a review.*

- Implemented React/Redux to dynamically render listings and reviews that allow users to interact intuitively with the website's information.
- Guaranteed user privacy through frontend and backend authentications with WTForms validators which allows users to only edit their own listings and reviews when logged in.
- Integrated Python backend with Flask and PostgreSQL for scalable data management and efficient queries through SQLAlchemy.

**Petsy** (Python, JavaScript, React, Redux, CSS3, PostgreSQL, Flask, Docker)

[Live Site](#) | [Github](#)

*Petsy, a full stack clone of Etsy, is an online marketplace where people sell, buy, and collect unique pet items.*

- Collaborated with a team of three engineers to build a complete marketplace website, coordinated with teammates to maximize efficiency to complete MVP features through stand up meetings and git workflow.
- Built an interactive grocery cart using React/Redux that allows users to dynamically add and edit their cart based on item quantity and preferences while utilizing Local Storage for persistence of data.
- Ensured user privacy through frontend and backend authentication measures, allowing users to access only their own data features when credentials are met.

**Estadium** (JavaScript, React, Redux, CSS3, PostgreSQL, Express)

[Live Site](#) | [Github](#)

*Estadium, inspired by Flickr, a photo sharing app where soccer fans post and comment on soccer related experiences.*

- Integrated Redux to create a single page app by saving states throughout a user's session to dynamically render React components allowing for efficient and dynamic post and comment editing and deletion.
- Utilized Bcrypt to hash user passwords before storing them in the database to ensure user privacy and created user authorization routes to restrict access
- Utilized AWS S3 cloud storage to allow user image uploads and deletion facilitating scalability, security and low-latency data storage from the cloud.

## EXPERIENCE

**Bay Junk - Financial Analyst**

May 2018 - Sep 2020

- Improved overall financial reporting by redesigning control processes and reporting structures which increased efficiency and organization.
- Analyzed incoming and outgoing reports daily to ensure accuracy.
- Collected data and developed detailed spreadsheets to identify trends, create revenue, profitability and expense forecasts.

## EDUCATION

**App Academy**

*Curriculum of Study in Web Development (JavaScript and Python)*

**San Francisco, California**

October 2021 – April 2022

**San Francisco State University**

*Bachelor of Science in Business Administration (Concentration: Finance)*

**San Francisco, California**

Class of 2018

**Cañada College**

*Associate's Degree in Business Administration*

**Redwood City, California**

Class of 2013