

Mark Valdez

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TECHNICAL SKILLS

- *Languages:* JavaScript, HTML5, CSS3, Python
- *Collaboration Tools:* Git, Slack, Agile
- *Database Systems:* SQL, PostgreSQL, SQLAlchemy
- *Testing:* Mocha, Chai, Jest, TDD
- *Operating Systems:* MacOS, Windows, Linux
- *Applications:* Visual Studio Code, Postbird, Postman, iTerm
- *Frameworks:* React, Redux, Flask, Tailwind CSS, Express
- *Cloud:* AWS S3, Docker

PROJECTS

Pair Yo' Pet (Python, Flask, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)

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

Social platform web app built on a Python / Flask backend with React / Redux frontend and SQLAlchemy ORM on top of a PostgreSQL database.

- Architected backend schema to connect the React frontend to a Postgres database through a RESTful API.
- Stored high quality images in AWS S3 to reduce server load and allow for scalability.
- Assembled private messaging functionality between users through innovative database organization.

QuestTrackr (JavaScript, HTML5, CSS3, Webpack)

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

Productivity web app built on an Express.js backend with Pug templating and a Sequelize ORM on top of a PostgreSQL database.

- Utilized Vanilla JavaScript to render elements from an AJAX call to an API route
- Implemented OOP approach to generate Quest and Raid classes from common Task class
- Managed DOM events to easily control player input and progress visualization.

Laughs (Python, Flask, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)

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

Joke sharing web app built on a Python / Flask backend with React / Redux frontend and SQLAlchemy ORM on top of a PostgreSQL database.

- Leveraged Redux to handle all high-level state changes and present complex data relationships clearly.
- Focused on a single fetch, normalized Redux state and usage of higher order components.
- Protected resources via a custom backend and frontend user authentication pattern.

EDUCATION

App Academy

Curriculum of Study in Web Development (Python and JavaScript)

Remote

October 2020 – March 2021

Brigham Young University - Hawaii

Bachelor of Science in Psychology

Laie, Hawaii

Class of 2019

- Vizzda Project: Designed website and video content for one of the largest commercial retailers in South Florida

WORK EXPERIENCE

Accounts Payable Intern

Brigham Young University Hawaii – Financial Services

Laie, Hawaii

May 2019 – January 2020

- Worked with close to 2,000 suppliers on payment schedules and problem resolutions
- Trained over 30 cost center managers on correct supplier invoice request processes
- Processed settlement runs and cut dozens of checks on a daily basis

LEADERSHIP EXPERIENCE

Full-Time Volunteer Representative

The Church of Jesus Christ of Latter-day Saints

Los Angeles, California

June 2013 – June 2015

- Mentored under David Weidman, winner of the Chemical Industry Medal and Former CEO of Celanese
- Lead and motivated 20+ volunteer representatives on teaching techniques and productivity
- Taught life improvement lessons to 1,000+ people from diverse circumstances and backgrounds

Eagle Scout

Boy Scouts of America

Sandusky, Ohio

July 2011

- Received the most prestigious award in Scouting, at the age of 15 (only 1% of Scouts achieve)
- Led 30+ volunteers on a two-day renovation project of the State Park Butterfly Garden
- Communicated problems and solution ideas with government officials during the renovation process