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 for app functionality.
- Stored images in AWS S3 for the Pet Profile feature, to reduce server load and allow for scalability.
- Assembled creative database organization for private messaging feature between users to increase interaction on the application.

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 for a smooth user experience.
- Implemented OOP approach to generate Quest and Raid classes from common Task class to keep code clean and readable.
- Managed DOM events to easily control player input and progress visualization, creating a dynamic application.

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 the Redux store to handle all state changes inside the application and present complex data relationships clearly.
- Focused on a single-fetch, normalized Redux state and usage of higher order components that improved the user interface.
- Protected resources via a custom backend and frontend user authentication pattern to prevent any hacking with the application.

EDUCATION

App Academy   **Remote**
Curriculum of Study in Web Development (Python and JavaScript)   October 2020 – March 2021

Brigham Young University - Hawaii   **Laie, Hawaii**
Bachelor of Science in Psychology   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   **Laie, Hawaii**
Brigham Young University Hawaii – Financial Services   May 2019 – January 2020
- Worked with close to 2,000 suppliers on payment schedules and problem resolutions that improved credit rating to AA+.
- Utilized Workday, an ERP system to process invoices and purchase orders to lower incorrect payment percentage close to zero.
- Trained over 30 cost center managers on correct supplier invoice request processes that decreased time to payment by two days.

LEADERSHIP EXPERIENCE

Full-Time Volunteer Representative   **Los Angeles, California**
The Church of Jesus Christ of Latter-day Saints   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   **Sandusky, Ohio**
Boy Scouts of America   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.