MADELEINE PLA

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SKILLS

- Languages: JavaScript, SQL, HTML, CSS, Ruby
- Frameworks/Tools: React, Redux, Express, PostgreSQL, SQLite3, Webpack, Git, Heroku, AWS, MongoDB, Node.js, Canvas.js, Howler.js
- Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programing (OOP)

PROJECTS

BoardGameFreak

A full stack clone of BoardGameGeek *(React/Redux, Ruby, Rails 5, postgreSQL)*   **live** | **github**

- Utilized RESTful routes to apply CRUD functionality and allow logged in users to create, view, edit, and delete lists and comments.
- Developed a concise database schema to easily organize data by ratings and classifications
- Implemented authenticated and protected routes employing React Router to incentivize users to create an account

Blights Out

A 2-D horror video game *(Javascript, HTML 5 / CSS3, Canvas.js, Howler.js)*   **live** | **github**

- Engineered a custom game engine using JavaScript that controls the movement mechanics of the player, animation playback, asset management, and other elements influencing the gameplay experience.
- Incorporated Howler.js to provide a browser agnostic experience of the game's main mechanic and achieve a cohesive and dynamic soundscape
- Employed the use of Object Oriented Programming techniques and conditional logic to create a self-sufficient but scalable project

Picka Pet

A real-time pet simulation web application *(React, Javascript, Node.js, Express, MongoDB)*   **live** | **github**

- Optimized user retention through a point earning system detained to keep users engaged with the site longer and more frequently
- Constructed a site-wide unified aesthetic to enhance the user experience and interactivity
- Managed and collaborated with a team of 3 engineers as the project lead by reviewing pull requests, planning implementation timelines, and understanding the full MERN stack to provide support wherever it was needed.

EXPERIENCE

Owner

Yarn Tootin' Rugs   May 2021 - March 2022

- Launched a self-run business for handmade custom rugs and acted as head of production, marketing, sales, and shipping.
- Sustained intense time management to provide product early to the customers and meet tight deadlines with limited resources
- Increased social media following and sales by 500% through the use of viral social media marketing

Crew Member

Trader Joe's   Dec 2016 - March 2022

- Trained new employees to work certain sections to expedite stocking process and minimize product waste
- Generated increased sales of featured products through design and placement of displays

EDUCATION

University of California, Berkeley *- BA Music, 2012-2016*

AppAcademy *- Software Engineering bootcamp with 1000 hour curriculum and < 3% acceptance rate* Mar - July 2022