

# MADELEINE PLA

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Portfolio

LinkedIn

Github

## 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 Programming (OOP)

## PROJECTS

### BoardGameFreak

A full stack clone of BoardGameGeek (*React/Redux, Ruby, Rails 5, postgresSQL*)

[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, and sales
- Maintained 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 20+ new employees to work specific sections to expedite stocking process and minimize product waste
- Generated increased sales of featured products through design and placement of displays
- Organized, created the menu for, and executed crew tastings to promote employee product knowledge and increase morale

## EDUCATION

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

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