

JASON SHOEMAKER

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SKILLS

Python, JavaScript, Java, Ruby, Rails, React, Redux, Express, Node.js, SQL, HTML5, CSS3, Git

PROJECTS

The Picard Maneuver - A tactical starship combat game | (*JavaScript, Canvas, npm*)

[live](#) | [github](#)

- Used Object Oriented Programming and inheritance to make the code dry, polymorphic, and scalable as new features are added.
- Utilized trigonometric functions such as `Math.atan` and `Math.PI` to find the angles and rotation of objects.
- Organized dependencies with Node Package Manager and JavaScript classes with Webpack.
- Added `requestAnimationFrame()` to improve user experience by making game animations smoother.

Multiple-player Go Group Project | (*React/Redux, Express, Axios, MongoDB, Node, Websockets*)

[live](#) | [github](#)

- Implemented a recursive dfs algorithm to build groups of connected game pieces to accomplish capture logic.
- Built a game server where multiple players can connect, play games of Go and chat, passing information through websockets to synchronize.
- Designed the Axios calls and backend routes for game data to be stored in the Mongo database.

Fullstack TaskRabbit Clone | (*React/Redux, Rails 5, Ajax, Postgres, AWS, Google Maps, Google Geocode*)

[live](#) | [github](#)

- Utilized React frontend to implement a single-page app to improve user experience by making the loading of multiple pages unnecessary.
- Created a user authentication system utilizing BCrypt to protect user information by storing salted and hashed password digests.
- Imported Google Maps and Geocode to convert addresses to latitude and longitude and show locations of tasks.

EDUCATION

AppAcademy - Graduated from intensive full-stack coding bootcamp with <3% acceptance rate, August 2019

Eastern Michigan University - BS Computer Science, *summa cum laude*, April 2010

EXPERIENCE

Personal Time

2019 - 2021

- Took time for myself, to quarantine, and to help care for elderly relatives.

Office Manager

Emerson's Bar Review

2012 - 2018

- Updated html and css and dealt with cyber-attacks on the website.
- Helped with scheduling and payment issues for hundreds of students who passed the California Bar.

General Merchandise Receiving Manager (2003-2011) and Assistant Supplies Manager (2001-2003)

2001 - 2011

Nebraska Book Company (Ulrich's Bookstore)

- Used inventory and POS systems to coordinate reception of school supplies and insignia merchandise for multiple stores.
- Trained and managed staff in customer service and inventory reception and distribution.