JASON SHOEMAKER

415 301-1676   jas.shoemaker@gmail.com   LinkedIn   Github   SF

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SKILLS

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

PROJECTS

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)*   **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.
- Designed a CRUD (Create, Read, Update, and Destroy) system for users to create and add tasks to the database.

Nostalgic RPG-style game inspired by the Legend of Zelda | *(Javascript, Canvas)*   **live | github**
- Used Object Oriented Programming and inheritance to make code dry, polymorphic, and scalable as new features are added.
- Achieved animated Link character by switching images as he moves from one point to another.
- Added requestAnimationFrame() to improve user experience by making game animations smoother.
- Used vectors to calculate distance between elements to detect collisions with enemies.

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   2017 - 2019
- Took time for myself and to help my elderly aunt recover from multiple hip replacement surgeries

Office Manager
Emerson's Bar Review   2012 - 2017
- Updated html and css and dealt with cyber-attacks on 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..