Steven Wang

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SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, Angular, AWS, SQL, Git, HTML5, CSS3

Projects

Discuss
Live Site | Github

Single page live chat application, inspired by Discord, built with a React-Redux frontend, Rails backend, and PostgreSQL database

- Built a live chat interface by utilizing Action Cable to create and destroy websocket subscriptions, allowing users to simultaneously send and receive messages across multiple channels
- Integrated AWS S3 file uploading in tandem with PaperClip file attachment management for custom profile avatars
- Wrote a string conversion algorithm that automatically converts user input strings into links, images, or videos embedded into the chat
- Implemented authentication with BCrypt protecting channels with validation checks that permit only authorized users to access chats

Pantry Pal
Live Site | Github

Personal recipe book built with MongoDB, Express, Angular, and Node.js (MEAN Stack)

- Incorporated Spoonacular API for fetching recipes and recipe details; translated custom user generated ingredients lists into url params for the API
- Designed a modular frontend layout using Angular components
- Used TypeScript to create bindings allowing components to communicate with each other

Dr Mario JS
Live Site | Github

Web browser puzzle game developed with vanilla JavaScript and HTML5 Canvas

- Devised logic to govern puzzle mechanics such as collision detection and block positioning on a 2D array grid synced with a Canvas element
- Utilized Webpack to bundle key objects and functions, keeping files modular and transpiling code to vanilla JavaScript
- Composed an animation loop using a recursive function that renders the game's objects with a frequency relative the difficulty of the level

EXPERIENCE

Shipping and Receiving Manager
Fonta Trading   2014 - 2017
- Inspected and managed an inventory of incoming and outgoing materials ensuring optimal use of warehouse space
- Supervised loading of hundreds of containers to best comply with US and Chinese import customs and shipping regulations
- Innovated inventory storage by partitioning 40' shipping containers to be used as external storage spaces

Purchase Associate | Weighmaster
All State Paper and Metal Recycling   2008 - 2010
- Handled purchases from both the general public and private vendors, providing customer support when necessary
- Directed a team of workers to perform daily tasks including: transportation, collection, and sorting of materials, fraud prevention, work safety, and customer assistance
- Installed and maintained equipment for cameras, ID scanners, and fingerprint scanners to adhere to California laws

EDUCATION

App Academy 2017
Immersive 1000-hour software development course with focus on full stack web development

University of California, Los Angeles 2014
BA - Asian Studies