

# Steven Wang

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

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## SKILLS

JavaScript, React.js, Redux, Ruby, Ruby on Rails, Angular, jQuery, 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

- 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
- 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
- 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**)

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

### 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 2018

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

### University of California, Los Angeles 2014

BA - Asian Studies