

# David Suon

phone: 209-487-4320

[dsuon04@gmail.com](mailto:dsuon04@gmail.com)

[LinkedIn](#)

[Github](#)

[Portfolio](#)

**SKILLS** Ruby, Ruby on Rails, JavaScript, GraphQL, jQuery, React.js, Redux, Java, PostgreSQL, MongoDB, Git, HTML5, CSS3

## EDUCATION

**App Academy** - Immersive software development program with a focus on full stack web development (Spring 2019)  
Rigorous 1000-hour web development bootcamp with <3% acceptance rate. Focuses on Ruby on Rails, JavaScript, React, TDD, and best coding practices.

**California State University, Sacramento** - BS - Computer Science (Spring 2016)

Courses: Algorithm Analysis & Data Structure, Object-Oriented Graphic Design, Intro Formal Mathematics

Dean Honor Roll - Fall 2016

## PROJECTS

### Welp

[Live Site](#) | [Github](#)

*A single page web application clone of Yelp using Ruby on Rails, PostgreSQL, and React-Redux*

- Integrated the use of React-Router to mimic browser functionality with links, allowing for quick page rendering and responsiveness.
- Optimized database usage by removing n+1 query using proper Active Record practices.
- Employed the use of AWS to allow user to upload images during restaurant creation, allowing for quick loading time for restaurant's image, improving the user's experience
- Designed an intuitive user registration/login page using CSS3 flexbox with error-messages displayed for a clean user experience

### Tetris

[Live Site](#) | [Github](#)

*A stack building, line clearing game using JavaScript, CSS3, and HTML*

- Implemented a custom collision algorithm to prevent out-of-bounds errors, resulting in a responsive, glitchless experience.
- Created multiple keymaps using practical Object Oriented Programming, giving players a more custom experience tailored to their preference.
- Decreased graphic rendering lag through the use of HTML5 Canvas and animation frames, resulting in a more realistic gaming experience

### Getsy

[Live Site](#) | [Github](#)

*An Etsy clone using the MongoDB, Express, React, Node.js (MERN) stack*

- Built a reusable modal to render form for user/product creation, DRYing up code
- Improved database querying by removing n+1 queries by fetching all necessary data in a single query, improving response time and user experience.

### Handlebar

[Live Site](#) | [Github](#)

*A single page online product platform using the MERN stack with GraphQL*

- Created a custom script to quickly reseed the database, creating a controlled development environment to accelerate the development of CRUD functionalities.
- Engineered custom validations utilizing validation packages to sanitize users' input and relay feedback based on user's input, creating a responsive, intuitive experience.

## EXPERIENCE

### Mail Clerk

USPS, Nov 2012 - Jan 2013

- Managed the delivery of 100 crates of mail by organizing them into the proper cage for delivery daily.
- Coordinated with co-workers to efficiently sweep crates of mail, often finishing ahead of schedule.
- Delegated responsibility to co workers and acted in a management capacity when understaffed