

Jamin Cheung

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Projects

Show-N-Sell

[Live](#) • [GitHub](#)

Web application for selling goods locally. Built with Ruby on Rails and React.js

- Renders single-page interface with React.js for seamless updating through user interaction.
- Integrates with Google Maps API to display exact locations based on address inputs.
- Uploads user-provided images to Amazon Web Services, S3.
- Uses PgSearch to display real-time search results for full or partial keyword matches.
- Encrypts and authenticates passwords with BCrypt during user creation and sign-in.

ActiveArchive

[GitHub](#)

An object-relational-mapping library inspired by ActiveRecord

- Creates Ruby objects to represent and interact with appropriate SQL database tables.
- Provides model helper methods as an alternative to building SQL queries. Methods include #find, #update, and #where to retrieve or alter data.
- Builds belongs_to, has_many, and has_one_through associations between database tables.

Snake Painter

[Live](#) • [GitHub](#)

Game built with JavaScript and inspired by Snake.

- Uses jQuery to listen and bind keystrokes with appropriate actions.
- Countdown timers determine when to toggle classes to switch elements to different colors.

Skills

Ruby

Ruby on Rails

Javascript

jQuery

React

Flux

AJAX

SQL

HTML

CSS

Git

RSpec

Experience

Christie Engineering

2012 - 2015

Structural Engineer

Bedminster, NJ

- Managed up to 6 projects simultaneously to complete objectives outlined in projects' scope of work. Notable projects include 4 multi-million dollar, 10+ story apartment buildings designed from the ground up along the Hudson River in New Jersey.
- Performed structural analysis and design on over 50 projects as leader or collaboratively in small teams.
- Fully reviewed CAD plans, sections, details, and connections drawings to confirm or enforce proper coordination between structural, architectural, and mechanical designs.
- Performed site investigations at Jersey City Grundy Park and City Hall to assess damage by Hurricane Sandy in 2012, and wrote technical reports outlining required repair procedures.

Education

App Academy

September 2015 - December 2015

Intensive full stack web development course

New York, NY

Emphasizes pair programming and industry-standard practices.

Acceptance rate <5%

Pennsylvania State University

2006 - 2010

Bachelor of Science in Civil Engineering

University Park, PA

Focus: Structural Engineering, Major GPA 3.56



www.github.com/jamincheung



www.jamincheung.com



www.linkedin.com/in/jamincheung/