DAVID HALSEY

SOFTWARE ENGINEER

PROFILE

personal site

github

linkedin

angelist

CONTACT

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SKILLS

RUBY

RAILS

JAVASCRIPT

JQUERY

REACT

REDUX

HTML

CSS

SQL

TDD

GIT

AWS

PROJECTS

READ THE LEAVES - RUBY, RAILS, POSTGRES, JS, REACT + REDUX, HTML, CSS
Link | Github | Full-stack meetup app inspired by Tea With Strangers

- Deployed highly-scalable frontend architecture using Redux pattern, normalized application state, and modular React components
- Implemented RESTful API to deliver JSON responses and prevent redundant requests
- Designed customizable user profiles using AWS and cloud-based storage
- Prevented N+1 queries using ActiveRecord relation caching and eager loading
- Secured front/backend auth using session management, secure routing, and password hashing with Blowfish Cipher

SPACE INVADERS - JAVASCRIPT, HTML, CSS
Link | Github | Taito's classic arcade shooter written in JavaScript

- Created using object-oriented design to deliver optimized game-state, logic, and visuals at 60fps
- Reduced time-complexity of collision detection using spatial rendering algorithm
- Utilized Google Firebase real-time database storage to create persistent scoreboard

jOker - JAVASCRIPT
Github | Minimalist DOM element manipulation library derived from jQuery

- Designed library for intuitive event handling, AJAX requests (with Promise return), and DOM manipulation

EXPERIENCE

LEAD SALES ASSOCIATE - BONOBOS (2015 - 2017)

- Implemented tablet-based 3rd party secure payment system for stores nationwide
- Third highest sales nationwide in the company (+$100,000 per fiscal year)

MANAGER - PIOUS FARMS (2012 – 2014)

- Created business development database, organizing profit & loss, time & expenses, medical records, payments, and all state compliance documentation
- Conducted hiring interviews and oversaw all staff payroll and scheduling

EDUCATION

SOFTWARE ENGINEERING - APP ACADEMY

- 1000-hour software engineering bootcamp with a 3% acceptance rate.