JAMES A. HATCH

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SKILLS

JavaScript	Ruby on Rails	SQL	HTML	CSS	Flux	Webpack
ReactJS	PostgreSQL	Git	Ruby	jQuery	RSpec	TDD

RECENT PROJECTS

Full Stack Engineer
(React, JavaScript, Rails, PostgreSQL, Flux)
OkCoFounder · GitHub

A site for entrepreneurs in search of business partners, inspired by OkCupid.

- Matching algorithm calculates and updates "match %" between users in real-time
- Application data flows, rendering, and data stores architected using React and Flux frameworks
- Original design built in HTML and CSS without additional libraries/templates
- Matches and connections are tracked through associations in the database

Front End Engineer
(JavaScript, HTML5 Canvas)
marsattacks.js · GitHub

Space Invaders spin-off, single person shooter game built for the browser.

- Implements object-oriented JavaScript logic
- Custom algorithms simulate smooth movement and collision detection for aircraft

Back End Engineer
(Ruby on Rails)
ActiveRecord Lite · GitHub

Custom ORM inspired by the native Rails ORM built using Ruby and guided by an approach of test-driven development using RSpec.

- Allows fluid and intuitive access to the database through methods that generate SQL queries ('where', 'find', 'all')
- Utilizes metaprogramming to generate attr_accessor methods for database columns

EDUCATION

Web Development · App Academy
San Francisco, CA · March - May 2016

- Intensive full-stack web development school with 3% acceptance rate
- Weekly exams and daily pair programming

B.S. Neuroscience · University of Texas
2009 - 2014 · 3.3 GPA

- **Curriculum Highlights**: Intro to Computer Science, Elements of Computer Programming, Information Systems, Multivariable Calculus

EXPERIENCE

Front-End Developer, FourLeggedTribe
Denver, CO — 2016

- Contracted to lead an overhaul project to make the site mobile and browser responsive using current CSS/SASS/HTML/Flexbox trends
- Used media queries to build a smooth UX/UI across all platforms (iPhone, Android, Laptop, Tablet)

Sales Account Executive, SHI International
Austin, TX — 2014 - 2015

- Generated over 400k in revenue
- IT hardware/software sourcing (Dell/HP/Cisco)
- Averaged 315% of monthly quota over 12 months

Property Manager, The Leaf Group
Austin, TX — 2009 - 2013

- Responsible for most tenant interactions with over 40 tenants (rent, penalties, evictions)
- Managed interactions with contractors