

bradsanders

software developer

contact

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skills

ruby
ruby on rails
javascript
backbone.js
jQuery
postgreSQL
CSS
HTML
git

portfolio

[website](#)
[github](#)

projects

grounded - ruby on rails, backbone.js

[live](#) | [github](#)

crowd shared real estate platform for San Francisco

- built customized user authentication system with Bcrypt to store only hashed passwords for user security
- wrote custom methods to parse nested property data from the API, minimizing required API calls
- implemented server-side API requests to Zillow's API to populate property valuation data and details about any property added to the marketplace

chess - ruby

[github](#)

command line version of classic strategy game with AI

- used class inheritance structure to keep code DRY
- programmed competitive AI that moves opponent into check/mate, itself out of check, and captures pieces based on value
- created recursive deep board duplication method to check validity of move without modifying game state

gloworm - javascript, jQuery

[live](#) | [github](#)

browser friendly version of classic mobile game snake with a twist

- utilized directional vectors to move worm throughout gameplay
- dynamically bound keys for user interaction in the browser
- persisted high score using cookies, eliminating the need for any server-side persistence

education

sep 2015 software development

App Academy

- full-stack immersive software development program
- < 5% acceptance rate

2005 - 2009 BA chemistry

UNC - Chapel Hill

- selected coursework: calculus, physics, analytical chemistry

experience

oct 2015 javascript and ruby on rails instructor

RailsBridge

- instructed students on Rails, JavaScript, jQuery, HTML and CSS
- assisted new programmers in building and debugging their websites

2014 - 2015 server

Bida Manda

- taught myself Ruby, Javascript and CSS while working nights
- managed busiest section for one of the highest rated restaurants in Raleigh, NC
- trained and supervised new staff members while maintaining top performance reviews