

# 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*

- secures user passwords with custom user authentication system using Bcrypt
- eliminates zombie views by employing a composite view Backbone architecture
- overrides Backbone parse methods to parse nested property data from the API, minimizing required API calls
- implements server-side API requests to Zillow's API, populating property data and details about any user added property

### chess - ruby

[github](#)

*command line version of classic strategy game with AI*

- supports single player gameplay against competitive AI
- recursively checks validity of move using deep duplication of board state
- uses class inheritance structure and object oriented design to keep code DRY

### gloworm - javascript, jQuery

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

*browser friendly version of classic mobile game snake with a twist*

- calculates directional vectors to move worm throughout gameplay
- persists a user's high score using cookies, eliminating the need for any server-side persistence
- dynamically binds keys for user interaction in the browser

## 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, biochem, analytical chem

## experience

### oct 2015 ~      **javascript and ruby on rails instructor**

*RailsBridge*

- instruct students on Rails, JavaScript, jQuery, HTML and CSS
- assist programmers in building and debugging their own 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