1703 Hyde Street
San Francisco CA 94109
(209) 629-4289

www.kylesmith.io
email me
linked in
github

KYLE SMITH

PROJECTS

Sports Betting Website: repository and live link
- Bet on fake sports games, and simulate your own results to grow your bankroll.
- Built with Ruby on Rails, JavaScript, Backbone.js, HTML/CSS, and some bootstrap.
- Uses custom Backbone class, CompositeView to display views within views. Recursively calls CompositeView#remove method to clean up old views, and avoid zombies.
- Calculates team odds for both the underdog and the favorite, potential payout amounts, and generates a fair simulation with $0 expected value, all using one input value from the database.

Rails Lite: repository
- Uses Ruby's built in WEBrick server along with custom ControllerBase and Router classes to recreate Rails.
- Reads template .html.erb files, renders content, allows redirects, and stores response data as JSON information using WEBrick cookies.
- Merges parsed parameters from the query string and request body with captured parameters from the route path, and stores them in an instance of the Params class.

Snake: repository and live link
- A JavaScript game which uses jQuery to select and modify CSS style on HTML elements to display the game snake.
- Overrides Array#indexOf to properly compare Coordinate objects.

LANGUAGES AND TECHNOLOGIES

- Ruby, Ruby on Rails, JavaScript, jQuery, Backbone.js, SQL, Git, HTML, CSS, Python (learning)

EDUCATION

San Francisco, CA   **App Academy**   **August 2014 - October 2014**
- Completed intensive web development bootcamp with < 5% acceptance rate.

Santa Barbara, CA   **University of California, Santa Barbara**   **2009 – 2013**
- B.S. in Mathematical Sciences, June 2013. GPA: 3.3
- Curriculum Highlights: CS Problem Solving, Numerical Analysis, Advanced Linear Algebra, Probability and Statistics, Combinatorics