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

KYLE SMITH

www.kylesmith.io
email me
linked in
github

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 zombie views.
- 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.

Kyllo (Trello Clone): repository and live link
- Online organization tool, modeled after the popular Trello.
- A from scratch, fully functional website, which includes secure user authentication, RESTful API convention, and custom overrides of Backbone's Model#parse to extract nested data.
- Built with a Ruby on Rails backend API and JavaScript and Backbone.js single page front end, along with the jQuery UI library to handle sortable objects.

Big Tac Toe: repository and live link
- My take on an advanced reimagining of classic Tic Tac Toe. Play games within a game, with a set of rules to dictate which boards are available, and win the big board to win the game.
- Defines super classes of both Game and Board, which define methods for both the small and large versions of each object to utilize.
- Uses jQuery to bind events of a Game object to the CSS on the page.

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