

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 built with a Rails backend, fully secure user authentication, database and model validation, and a RESTful architecture serving nested data to an API namespace. The frontend is a single page backbone.js app, with CSS style designed to imitate the real deal.
- Again, uses the CompositeView extension to efficiently display views on the page, and simultaneously handle events on multiple models and/or collections.

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