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## KYLE SMITH

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Find me on:

- [github](#)
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### Projects

#### **Kyllo (Rails, Backbone) | [live](#) | [repository](#)**

*Rebuilt Fog Creek's project management app, Trello.*

- Single-page Backbone app consuming RESTful Rails JSON API.
- Mobile-responsive design, close reproduction of the original, to test my HTML/CSS knowledge.
- Uses Thoughtbot's recommended Backbone-on-Rails design patterns.
- Implements a custom CompositeView class so that data can easily be shared across parallel views.

#### **Big Tac Toe (JavaScript, jQuery) | [live](#) | [repository](#)**

*Tic Tac Toe variation with nontrivial strategy.*

- My take on an advanced extension to classic Tic Tac Toe. I stumbled upon the rules a few years back, and decided to build an online version once I acquired the requisite skills.
- Play games within a game, with a set of rules to dictate which small boards are available during each turn, and win the big board to win the
- Builds an object-oriented game of Big Tac Toe, binds it to a board representation in the DOM, and uses jQuery events to play
- Defines super classes of both Game and Board objects, which define methods for both the small and large versions of each to keep code DRY.

#### **Battleship (JavaScript, Node) | [live](#) | [repository](#)**

*Classic two-player, cross-network Battleship.*

- Client side JavaScript communicates with a Node server using the Socket.io library for real-time feedback from players from anywhere in the world.
- Defines a game server, and starts a game once two players are connected, then allows ship placement, and gameplay on the end of placement event.
- Includes UI elements such as messaging capabilities and feedback animations.

### Skills

Ruby, Rails, JavaScript, jQuery, Backbone, HTML, CSS, SQL, Node, Git, Python (learning)

### Education

#### **App Academy, San Francisco — Web Development, Fall 2014**

- Completed intensive web development bootcamp with <5% acceptance rate.

#### **University of California, Santa Barbara — B.S. Mathematical Science, 2013**

- Curriculum highlights: CS Problem Solving, Numerical Analysis, Advanced Linear Algebra, Probability and Statistics, Combinatorics.
  - Graduated after the Summer session in September, then spent the winter as a ski instructor in South Lake Tahoe.
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