

Eric Ashmore

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[GitHub](#)
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PROJECTS

Goodgames (*Rails, Backbone.js*) | [Live](#) | [GitHub](#)

Site for finding, recommending and reviewing video games. Inspired by Goodreads.

- Game database populated through the overriding of Backbone.js's Model#parse method to parse nested data from the Giantbomb API
- Search feature consumes the Giantbomb API to cache video game information and images
- Reviews and Comments share a Reviews table via polymorphic associations to maintain a normalized database

Super Lazer Girl GO!!! (*JavaScript, Phaser.js*) | [Live](#) | [GitHub](#)

An arcade-style runner game built on JavaScript and Phaser.js, a HTML5 game framework.

- Animated player sprite jumps over, ducks under, and punches through obstacles and enemies
- Features player gravity and collision detection

CS:GO Time (*Rails, Ember.js*) | [Live](#) | [GitHub](#)

Site for the (simulated) betting of in-game items on Counter Strike: Global Offensive matches through parimutual betting. A new match everyday starting at 8:00pm.

- Payout algorithm implements a queue and hash maps to accurately and fairly distribute items to winning users
- The site takes a 15% rake from the total prize pool using a recursive algorithm to most closely represent this rake value given a pool of items with varying prices
- Custom authentication uses BCrypt which stores user's password as a secret hash

SKILLS

JavaScript, Ruby, Rails, Backbone.js, Ember.js, jQuery, AJAX, HTML5, CSS, SQL, git

EXPERIENCE **Chemist** – *Advanced Botanical Consulting & Testing Inc. (May 2014 – November 2014)*

- Managed the testing and analysis of various food products and vitamins to verify compliance with FDA rules and regulations
- Promoted from Lab Assistant to Chemist within the first month
- Oversaw team of 12 in the cleaning and general upkeep of lab workspace and equipment

VOLUNTEER **TPERP (Tidepool Protection, Education and Restoration Program) Volunteer** –

Cabrillo National Monument (August 2012 – September 2013)

- Volunteered as a docent 2-3 times a week to educate hundreds of visitors about the biodiversity and ecological systems of the rocky intertidal
- Initiated and led a six month study on the impact of human visitation on intertidal species abundances

EDUCATION **App Academy** (*Summer 2015*)

Immersive, full stack, web development course with an emphasis on coding style and best practices. Acceptance rate < 5%.

University of California, San Diego

B.S. Environmental Systems: Ecology, Behavior, and Evolution, 2013