

# Eric Ashmore

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## PROJECTS

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

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

- Utilizes a search feature that consumes the GiantBomb API to cache video game information and images
- Overrides the Backbone.js Model#parse method to parse nested data from the GiantBomb API
- Maintains a normalized database via polymorphic association for a shared Reviews and Comments table

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

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

- Taught self Ember.js and built CS:GO Time all in one week as a personal coding challenge
- Payout algorithm implements a queue and hash maps to accurately and fairly distribute items to winning users
- Utilizes a recursive algorithm to accurately take a 15% rake from a total prize pool containing items of varying set prices

**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
- Syncs gameplay with background music to create a rhythm based experience

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## SKILLS

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

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

- Performed review and validation of various food products and vitamins to ensure safety for human use and consumption using wet chemistry methods
- Promoted from Lab Assistant to Chemist within the first month
- Oversaw team of 12 in the critical sanitation and upkeep of lab workspace and equipment

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**VOLUNTEER** **TPERP (Tidepool Protection, Education and Restoration Program) Volunteer** – *Cabrillo National Monument (2012 – 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

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

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

**University of California, San Diego** (*2013*)

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