

# Eliot Bradshaw

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## PROJECTS

### ChoreBunny • (*Ruby, Rails, React.js, Flux*) [Link Repo](#)

- Employs React components with Flux architecture to create a seamless UX.
- Implements secure authentication via BCrypt to hash passwords; promotes ease of use by integrating Facebook and Google login via Omniauth.
- Uses AWS S3 cloud storage integration to reduce server load and allow for scale.

### En Garde • (*Node.js, HTML Canvas*) [Link Repo](#)

- Uses OOP design in Node.js to separate concerns and allow for future expansion.
- Two player game supporting single play through toggle-able AI.

### Ruby on the Rocks • ORM and MVC framework (*Ruby, Rack, WEBrick*) [Repo](#)

- Provides an efficient MVC framework for Ruby including a lightweight ORM for abstracting SQL data for OOP Ruby.
  - Leverages metaprogramming practices to simplify database queries.
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## SKILLS

Ruby, JavaScript, HTML/CSS, SQL, React, Flux, Rails, jQuery, Git.

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## EXPERIENCE

### Teaching

2011 - 2015

#### Ysgol Y Deri, Cardiff, Wales

- Initiated a coding club based on a Scratch curriculum which paved the way for three different schools to offer computing through their standard curriculum.
  - Commended by senior management for use of technology in the classroom. Specifically for the use of video games (including Minecraft) to teach Math, Geography and English.
  - Trained teachers in many schools to use popular games and digital media to encourage learning with a focus on interdepartmental collaboration.
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## EDUCATION

### App Academy

Spring 2016

Web Development - 1000 hour full-stack web development bootcamp. Covers: Rails, React, TDD, scalability, algorithms, OOP, coding style, single-page apps, and web development best practices.

### Cardiff Metropolitan University

2011 - 2012

PGCE Secondary with Qualified Teacher Status - Experience based training for teaching at secondary level (ages 11-19) with a focus on the subject of Drama. I was commended by my mentors for my work with special needs pupils, devising unique lessons to increase engagement.

### London South Bank University

2005 - 2008

BA (Hons) Theatre Production - Degree focussed on theatre production, including arts management, marketing and performance. Stage managed a successful touring production in my final year, credited as going "above and beyond" in my contribution to the show.