

# Eliot Bradshaw

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## PROJECTS

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

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

### **En Garde** (*JavaScript, HTML Canvas*) [Link Repo](#)

- Uses OOP design in JavaScript to separate concerns and allow for future expansion.
- Implements AI using a randomized algorithm.

### **Ruby on the Rocks • Object Relational Mapper** (*Ruby*) [Repo](#)

- Provides a lightweight ORM for abstracting SQL data to support OOP in Ruby.
  - Leverages metaprogramming practices to dynamically refine complex database interactions with minimal boilerplate code.
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## SKILLS

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

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## EXPERIENCE

### **Bootcamp TA**

2016 - Current

#### **App Academy, New York**

- Teaching the fundamentals of OOP in JavaScript. Praised for my ability to break down complex concepts to students.

### **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.
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## EDUCATION

### **App Academy**

Spring 2016

#### *Web Development*

- 1000+ hour full-stack web development bootcamp.
- Curriculum includes: Rails, React, TDD, algorithms, OOP, coding style, single-page apps, and web development best practices.

### **Cardiff Metropolitan University**

2011 - 2012

#### *PGCE Secondary with Qualified Teacher Status*

- Commended for work with special needs pupils, devising unique lessons to increase engagement.

### **London South Bank University**

2005 - 2008

#### *BA (Hons) Theatre Production*

- Stage managed successful touring production.