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.

SKILLS

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

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.

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.