

Paul Ryan

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SKILLS Ruby, Rails, React, Redux, Javascript, jQuery, HTML, CSS, SQL, Git

WORK SAMPLES

Catstarter (Rails, ReactJS, Ruby on Rails, PostgreSQL) | *Sole Developer*

[live](#) | [github](#)

A full-stack, single-page crowdfunding website inspired by Kickstarter and named for my cats

- Utilized the React framework to implement a modular, scalable, and interactive front end.
- Created RESTful routes and Active Record models to manage a PostgreSQL database of projects, rewards, categories, and pledges.
- Implemented custom login and signup authentication using BCrypt to securely hash and salt user passwords.

GolfOut (JavaScript, HTML, CSS) | *Sole Developer*

[live](#) | [github](#)

An original game concept combining the classic arcade game Breakout and the boring game golf

- Adhered to strict object-oriented design principles by creating ball, paddle, and brick elements that are each able to maintain their own state.
- Engineered collision detection methods using vector math and coordinates in an HTML Canvas.
- Capitalized on Canvas.js framerate API to monitor game loop updates and ensure consistent and smooth game animation experience.

EXPERIENCE

Web Development Intern

App Academy

Mar 2018 - Present

- Administer and pair program technical interviews in Ruby, JavaScript, Python, and Java.
- Tutor students enrolled in App Academy's beginning programming Jumpstart program.

Front-end Web Implementation Specialist

Bepress

Jan 2014 - Nov 2017

- Implemented 8–10 new sites per week using proprietary HTML templates and CSS3 best practices.
- Documented the Bepress design process to create best practices for UI/UX and make those guidelines available to the entire design team.
- Created quarterly web development reports detailing new features and sites our team setup.

Associate Consultant

Bepress

Sep 2012 - Dec 2013

- Advocated for new features, did product testing, and provided feedback to improve the bepress software suite used by hundreds of university libraries.
- Guided university faculty and librarians in publishing (100+) online collections of academic materials.

EDUCATION

Web Development - App Academy (Spring 2018)

Rigorous 1000-hour software development course with <3% acceptance rate

MA Writing and Publishing - Emerson College, 2012