**Christopher Shay**

github-logo.png[github.com/cjshay](http://github.com/cjshay) · linkedin-sign.png[linkedin.com/in/christopher-shay](http://linkedin.com/in/christopher-shay) · folder.png[cjshay.github.io/portfolio/](https://cjshay.github.io/portfolio/)

[christopher.jackson.shay@gmail.com](mailto:christopher.jackson.shay@gmail.com) · 20-21 38th St. Astoria, NY 10005 · 410-703-5088

**Projects**

**Found** Rails · React · Redux [live](http://www.found-medium.com) · [github](https://github.com/cjshay/found)

Social media article one-page app inspired by Medium.com

* Customizes ActiveRecord queries to allow for feed scalability as user base increases
* Combines two PostgreSQL database tables to concisely represent multiple features

in the app, providing unique, DRY, and modular code throughout the project

* Creates dynamic Jbuilder views that format data for the JSON API, which hydrates

React components for real-time updates

**Rough Life** JavaScript [live](https://cjshay.github.io/Rough-life/) · [github](https://github.com/cjshay/rough-life)

JavaScript game employing HTML5/Canvas to play Conway’s classic game of life

* Optimizes rendering of 10,000 rectangles using fast lookup hashmap to store data
* Calls custom functions created by integrating methods with user input

**Maglev**  Ruby · Rack · SQL [github](https://github.com/cjshay/maglev)

Framework to create an application built from Restful API and HTTP request-response cycle

* Integrates class inheritance to provide user access to website building blocks
* Assigns metaprogramming to method calls for portable data throughout application

**Skills**

Ruby · Rails · RSpec · SQL · JavaScript · React · Redux · jQuery · HTML · CSS3 · Git

**Education**

**App Academy** · New York, NY Oct 2016 · Jan 2017

* 1000 hour intensive coding academy focused on CS fundamentals, JavaScript
* Programming academy with < 3% acceptance rate for software developers

**The College of William and Mary** · Williamsburg, VA Aug 2009 · June 2013

B. A. in Linguistics

* Coordinated volunteer network of 100 students to tutor local elementary school

**Work History**

**Event Coordinator** · Reformed University Fellowship · Providence, RI June 2013 · May 2016

* Spearheaded establishment of new student chapter at local vocational school
* Created development network, increasing donor base by 15 new contacts per year;

fundraised $120,000 from 78 supporters