

# Zach Ward **Software Engineer**

[Portfolio](#) | [Github](#) | [LinkedIn](#)

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## SKILLS

**Ruby | Rails | JavaScript | React | Redux | Python | Flask | SQL | jQuery | HTML | CSS | Git | RSpec**

## Projects

### **Zacmo - Ruby/Rails, React/Redux**

[Live](#) | [Repo](#)

*Web Application Inspired by the mobile payment service Venmo*

- RESTful Ruby on Rails backend that features custom user authentication.
- React/Redux front-end to leverage the advantages of having reusable components and a unidirectional flow of data.

### **Flawk.io - Node.js, Socket.io, Canvas**

[Live](#) | [Repo](#)

*An multiplayer HTML5 JavaScript game inspired by slither.io*

- Node.js back-end that uses Socket.io to leverage the power of WebSockets.

### **Inquire.js - JavaScript**

[Repo](#)

*A light-weight DOM manipulation library*

- Inquire.js simplifies interaction with DOM while providing methods for AJAX.

## EXPERIENCE

### **HEPData, Leesburg, VA | Software Developer**

AUGUST 2016 - FEBRUARY 2017

- Built the back-end for a new version of one of the company's primary services using Python and the Flask web-framework.
- Write Python scripts to automate processes for quality assurance and error-checking.

### **WebSubstance, Sterling, VA | Web Designer**

AUGUST 2016

SEPTEMBER 2015 -

- Utilize HTML5, CSS, and the WordPress platform to design responsive websites with stylish UX/UI for local businesses.

## EDUCATION

### **App Academy | Software Development**

FEBRUARY 2017 - MAY 2017

- Software development bootcamp with < 3% acceptance rate and 1000-hour curriculum

- Studied classical performance on the double bass at the Jacob School of Music