



 github.com/cfritsch5

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Projects

MathPath

[live](#) | [Git](#)

FullStack web app built with Ruby on Rails, React, and Redux

- UX Design - Designed streamlined user experience through an intuitive user interface
- Implemented authentication pattern
- Implemented interactive features using react and redux
- Designed and managed SQL relational database

Shelffaux

[live](#) | [Git](#)

Interactive front end web app utilizing JavaScript DOM manipulation

- Hand Rolled Animation with HTML canvas
- Implemented bubble sort

Education

App Academy

August 2017

Full stack Software Development and Engineering Training Program. Acceptance < 5%

- Focus on industry standards, good practice, and strength in core computer science concepts
- builds extensive experience with 1000s hours of programming experience
- Highly selective program accepts <3% of applicants

B.S. Mechanical Engineering

May 2015

- Spring 2013 – Voted Most Innovative Design in the foam board chair challenge
- Highlighted courses: Java 1 and 2, Comp Sci for Engineers (MatLab), Computational Mechanics

Skills

Ruby Ruby on Rails JavaScript Java Matlab React SQL HTML CSS GIT

Experience

Anderson Tech – Technical Project Liason

August 2016 – January 2017

- Created and maintained technology infrastructure

AmeriCorps City Year Sacramento – Corps Member

July 2015 – July 2016

- Taught small group support lessons for Algebra.

Illinois Institute of Technology – Resident Advisor

August 2013 – May 2015

- Proposed and implemented diversity and safe space training each semester and community development programming monthly
- Founded the partnership event between the Human Library Project Chicago and IIT. Volunteered as Book; March 16th and April 16th 2015
- Responsible for the safety and wellbeing of 50+ residents

Illinois Institute of Technology – Teachers Assistant

January 2014 – May 2014

- Tutored students on MatLab and led labs for 30 students in Computer Science for Engineers

