

Casey Fritsch
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SKILLS

Ruby on Rails, React.js, Redux, JavaScript, HTML, CSS, Git, Rspec, MatLab

PROJECTS

MathPath - FullStack web application built with Ruby on Rails, React, and Redux

<https://github.com/cfritsch5/MathPath>, <http://www.mathpath.rocks>

- Implemented interactive questions and answer flash cards using React and Redux
- Utilized PostgreSQL relational database to manage user, curriculum, and user progress data.

Shelffaux - interactive front end web app utilizing JavaScript DOM manipulation

<https://github.com/cfritsch5/shelffaux>, <http://www.shelffaux.pro>

- Created custom 3d animation for viewing books in perspective using JavaScript & HTML canvas

EDUCATION

App Academy Full Stack Software Engineering Course
August 2017

- 1000 hours of programming experience
- Highly selective program accepts <3% of applicants

Bachelor of Science in Mechanical Engineering
May 2015

Illinois Institute of Technology

- Lead Aquaponics project for the Illinois Tech farm Fall 2014, managed schedule, created budget, and worked with partners and sources to come in under budget and on time
- Voted 'Most Innovative Design' in the foam board chair challenge Spring 2013

EXPERIENCE

Anderson Technology

Technical Project Liaison

August 2016 – January 2017

- startup environment, installed & tested office network connections, customer facing representative.

AmeriCorps City Year Sacramento

Corps Member

July 2015 – July 2016

- Mentored students at risk students, taught support lessons for Algebra, lead community garden beautification project, and supported local community development organizations

Illinois Institute of Technology – Resident Advisor

August 2013 – May 2015

- Proposed, planned, and implemented monthly community development programming, and safe space programming for 150 residents and 70 staff members
- Initiated the partnership with The Human Library Chicago, and led the student team running the founding event.

Illinois Institute of Technology – Teachers Assistant

January 2014 – May 2014

- Led in class lab sessions and evaluated student work in Matlab for the Introduction to Computer Science for Engineers class.