CASEY FRITSCH
SOFTWARE ENGINEER

linkedin.com/in/casey-fritsch
caseyfritsch@gmail.com
github.com/cfritsch5
caseyfritsch.com

Skills	JavaScript	React	Redux	Ruby	Ruby on Rails	Postgres	SQL	SCSS	HTML	CSS	Git

Experience

Software Engineer - Freelance Contract Work — 2017 - Present

Corporate Story Productions - github.com/cfritsch5/Corporate-Story-Productions | www.corporatestoryproductions.com
- Utalized React.js in building a marketing site that improved customer calls to action and new contacts
- Implemented CSS media queries for mobile friendly interface and integrated Vimeo API to demonstrate products
- Built Custom Contact form and PHP email forwarding

Hotel Investor Apps www.hotelinvestorapps.com
- Spearheaded initiative to expand and update their existing marketing site from concept to production
- Utilized Bootstrap to implement mobile first and responsive design

Corson-Knowles - github.com/corsonknowles/typespeed | corsonknowles.github.io/typespeed
- Co-developed a widget to measure typing speed with Javascript that resulted in their most popular blog post to date

City Year — 2015-2016
Americorps Volunteer
- Full time national service volunteer working to address the drop out crisis in underserved communities
- Mentored at risk students, developed curriculum and taught 4 daily Algebra support lessons to 16 students
- Worked with diverse team to plan and lead lessons, events, and afterschool programming

Illinois Institute of Technology — 2012-2015
Resident Advisor
- Led monthly community development programming for 150 residents and annual diversity training for 70 staff members
- Supervised, managed interpersonal conflict resolution, and supported administrative functions for 50+ residents
- Founded annual Human Library campus wide event, coordinated multi-cultural team, and acted as liaison with non-profit partner

Illinois Institute of Technology — 2014-2014
Computer Science Teaching Assistant
- Taught class of 30 core computer science concepts including loops, recursion, and basic algorithms in Matlab

Education

B.S. Mechanical Engineering - Illlinois Institute of Technology — 2015
- Chair of Trans and Gender Nonconforming Advocacy Group, 2014-2015
- Project Manager for Interdisciplinary Senior Capstone Project

Full Stack Software Engineering Program - App Academy — 2017
- Highly selective program accepts <3% of applicants. 1000 hours of programming experience

Personal Projects

MathPath - github.com/cfritsch5/MathPath | www.mathpath.rocks
Full stack web app for students to easily learn elementary math concepts
Technologies: Ruby on Rails, React, and Redux
- Structured the component hierarchy to enable users to reliably navigate the lesson plan progression
- Designed content package that leads students from fundamental concepts to advanced exercises
- Achieved consistent user experience by tracking lesson progress in the Postgres database and saving their work
- Implemented RESTful API scheme

Shelffaux - github.com/cfritsch5/shelffaux | www.shelffaux.pro
Interactive 3D bookshelf for unique book browsing experience
Technologies: HTML, JavaScript, & CSS
- Designed intuitive UX/UI that reminds users of actually browsing a bookshelf
- Ensured images were always displayed in perspective by dynamically updating the transformation algorithm
- Leveraged mouse event listeners to create responsive animations and implemented special visual effects while sorting