CASEY FRITSCH

Software Engineer

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JavaScript	React	Redux	Ruby	Ruby on Rails	Postgres	SQL	SCSS	HTML	CSS	Git
Chair of Trai	ns and Gen	der Noncon	forming A	dvocacy Group, 201	4-2015					2015
	_	_	_		of programm	ing experie	ence			2017
Built original professional website with React.js using agile practices Implemented mobile friendly website interface and integrated Vimeo API							2017 - Present nub.com/cfritsch5/Corporate-Story-Productions www.corporatestoryproductions.com			
Corson-Knowles Built a typespeed widget with Javascript on two person engineering team							github.com/corsonknowles/typespeed corsonknowles.github.io/typespeed,			
Project Lead Installed har	dware, soft				_	t up team				2016-2017
Full time yea Mentored at	ar long natio risk studer	nts, develope	ed curricul	um and taught 4 da	ily Algebra s	upport less	ons	communiti		2015-2016
Worked with	ı diverse te	am to plan a	nd lead le	ssons, events, and a	fterschool pr	rogrammınş	g 			
	B.S. Mechanic Chair of Trai Project Man Full Stack Soft Highly select Software Engi Corporate St Built orig Implement Built Cust Corson-Knot Built a typ Anderson Tect Project Lead Installed han Professional City Year Americorps Vo Full time year Mentored at	B.S. Mechanical Engineer Chair of Trans and Gen Project Manager for Int Full Stack Software Engineer Highly selective program Software Engineer - Free Corporate Story Product Built original profess Implemented mobile Built Custom Contact Corson-Knowles Built a typespeed wick Anderson Technology Project Lead Installed hardware, soft Professionally handled City Year Americorps Volunteer Full time year long nati Mentored at risk studen	B.S. Mechanical Engineering - Illlin Chair of Trans and Gender Noncome Project Manager for Interdisciplina Full Stack Software Engineering Professional Selective program accepts < Software Engineer - Freelance Context Corporate Story Productions Built original professional website Implemented mobile friendly we Built Custom Contact form and Foreson-Knowles Built a typespeed widget with Jack Anderson Technology Project Lead Installed hardware, software, and in Professionally handled customer factorized time year long national services Mentored at risk students, developed	B.S. Mechanical Engineering - Illlinois Instit Chair of Trans and Gender Nonconforming A Project Manager for Interdisciplinary Senior of Full Stack Software Engineering Program - A Highly selective program accepts <3% of appl Software Engineer - Freelance Contract Work Corporate Story Productions Built original professional website with Re Implemented mobile friendly website inter Built Custom Contact form and PHP email Corson-Knowles Built a typespeed widget with Javascript or Anderson Technology Project Lead Installed hardware, software, and network interprofessionally handled customer facing common City Year Americorps Volunteer Full time year long national service volunteer Mentored at risk students, developed curricular Full time year long national service volunteer	B.S. 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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 Computer Science Teaching Assistant

2014-2014

Taught core computer science concepts including loops, recursion, and basic algorithms in Matlab Led weekly group lab sessions of up to 30 students and bi-weekly individual and group tutoring sessions

Portfolio Highlights MathPath

Full stack web app for students to easily learn elementary math concepts Technologies: Ruby on Rails, React, and Redux

github.com/cfritsch5/MathPath www.mathpath.rocks

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

Interactive 3D bookshelf for unique book browsing experience Technologies: HTML, JavaScript, & CSS

github.com/cfritsch5/shelffaux www.shelffaux.pro

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 Implemented special visual effects while sorting