

LANGUAGES AND TECHNOLOGIES

Proficient: JavaScript, AngularJS, jQuery, Ruby, Rails, Sinatra, RSpec, ActiveRecord, PostgreSQL, MySQL, Git, HTML5, CSS3

Prior Experience: MongoDB, Node.js, Express.js, D3.js, Jasmine, SASS, Bootstrap

RECENT PROJECTS

Chariteer | Product Owner + Full-Stack Engineer

2015

Web application that connects volunteers with organizations to streamline and improve the matching process

- Implemented form validation, constructed the front-end views, and built page routing using AngularJS
- Connected Rails API to an AngularJS frontend to create a single-page app to improve UI and UX
- Utilized VolunteerMatch API to display upcoming events to a user based on their geographic location
- Designed the volunteer profile page incorporating a user's upcoming events and interests using CSS3
- Led daily stand-ups and sprint planning sessions to focus team members' tasks to achieve the project goals

Coral | Back-End Engineer

2015

Platform that allows educators to upload videos of themselves teaching for feedback to further develop their skills

- Created RESTful routing using Rails allowing for navigation between profile pages of different users
- Instituted OAuth 2.0 for increased security and simplified registration and sign in for users
- Generated database schema for PostgreSQL that allows users to give and receive feedback in relation to videos
- Integrated D3.js graphs to enable users to visually see levels of feedback received from other educators

TalkingSticks | Full-Stack Engineer

2015

Educational tool for teachers to log their parent communication to track student academic and behavioral progress

- Incorporated Ruby OOP to develop note storage functionality and accessibility in a highly modular manner
- Enabled user authentication using BCrypt and stored hashed passwords in the PostgreSQL database
- Built page routing using RESTful routes in Sinatra allowing users to navigate to notes and connected students
- Architected a PostgreSQL database schema that creates relationships among educators, students and notes

EMPLOYMENT HISTORY

TOSA - Literacy Specialist | Minneapolis School District, Minneapolis, MN

2014 - 2015

- Facilitated weekly meetings as the elected Professional Development Lead Teacher that focused on increasing literacy and language rich activities in all content areas by 8% annually to eliminate the achievement gap
- Produced district-level materials to help guide over 1000 teachers' implementation of core curriculum

English Teacher + Coordinator | Colegio Rochester, Bogotá, Colombia

2013 - 2014

- Planned and instructed 5th grade English classes, and collaborated with school officials to coordinate events

English Learner Teacher | St. Cloud Area School District, St. Cloud, MN

2008 - 2013

- Hired and supervised a team of bilingual paraprofessionals to support students with limited English
- Scheduled teachers, paraprofessionals, and students to best meet the academic needs of over 100 students

EDUCATION

Hamline University, Urban Teaching Certificate

2010 - 2014

St. Mary's University, Literacy Education

2011 - 2013

University of Minnesota, M.Ed Second Languages and Cultures; B.S Foundations of Education

2003 - 2008