Bradley Haley

Bshaley25@gmail.com
Github | LinkedIn

FULL STACK SOFTWARE ENGINEER

Experienced in Ruby on Rails and JavaScript based programming with a background in STEM. Excited to bring my skills to the software space for users to have a more engaging experience that leads to the desired outcomes, such as customer retention and satisfaction. Insight into the need for accessibility in various educational and personal use applications and websites. Passion for learning and simplifying complex problems into simple steps. Possess strong skills in team-building, leadership, and problem solving. Attuned to feedback from all stakeholders.

TECHNICAL SKILLS

HTML, CSS, JavaScript, Sass, React, Node.js, Express.js, Ruby, Rails, Java, SQL, Postgres

TECHNICAL PROJECTS

Asteroids - Github | Deployed App
My take on the classic Asteroids game!
- Built custom game physics to give a more realistic space effect
- Created a sprite sheet scanner from scratch with different rates of sprite scanning
- Utilized node.js with express to keep scores that have ever reached top ten

Math Maker - Github | Deployed App
A simple drag and drop math homework organizer for students with various disabilities
- Implemented personalized Drag and Drop feature with HTML Drag and Drop
- Built authentication and full CRUD functionality using Node.js with Express
- Created user experiences with Sass based on material design to keeping semantics a priority

Let's Make A Game - Github | Blog
A place where I make simple games and share my process via blog
- Detailed explanations for all my thought processes during a small project
- 3+ games built with various technologies including, Canvas, JavaScript, Java and more
- Displays my passion for development and is an ongoing endeavor

EXPERIENCE

27J Public Schools   Brighton, CO
Math Teacher   08/2019 - 11/2019
- Designed and taught year-long curriculum for Algebra and Geometry for 140 students in grades 9-10
- Collaborated with peers to have clear lesson plans for months in advance
- Used data, including test scores and attendance, to analyze impact of different instructional techniques on student outcomes, as measured by statewide assessments
- Developed positive, professional relationships with students and peers to facilitate an effective learning environment

Mapleton Public Schools   Thornton, CO
Math Teacher and Advisor   08/2018 - 06/2019
- Created unique lesson plans for students at alternative ed school to meet specific needs, often responding to impromptu needs in real time such as adapting materials to the immediate need of a student or backpedaling to meet students where they were
- Responsible for 9th and 10th grade Algebra 1 and Geometry classes for 100+ students for proficiency on MAP test
- Designed 14 individual student curricula for individual internships in support of learning
- Supported fellow staff through remaining positive in tough situations or encouraging them to continue and persevere

EDUCATION

Flatiron School   Denver, CO
Full Stack Web Development, Ruby on Rails and JavaScript program   01/ 2020 - 04/2020

North Carolina State University   Raleigh, NC
B.S in Science Education   06/ 2018
Treasurer, Herpetology Club