

Nicholas McEnroe

Back-End Software Engineer

nsmcenro@gmail.com • 310-200-7374 • [LinkedIn](#) • [Github](#)

Summary

High School Calculus teacher with 5 years of experience in breaking down complex topics and creating year-long unit plans and curriculum. Highly flexible teacher, taught a variety of AP classes in STEM, history, and economics. Have a 90% pass rate among students in AP classes, above the national and Colorado average. In ACT standardized testing intensive classes, the average student's score increased by five points in two months.

Technical Skills

Languages/frameworks: Ruby on Rails, Active Record, SQL, HTML, CSS, R, Python, Django

Testing: RSpec, FactoryBot, Faker, Capybara, VCR, WebMock

Tools/Workflow: Git, Github, Heroku, Postico, Postman, CI/CD, Capybara

Currently Learning: OAuth, 2FA, AWS S3

Projects

KindKitchen Group Project | Repo ([FE/BE](#)) | [Application](#) | **Tech:** Ruby on Rails, CSS, Bootstrap

- Created a full-stack application that allowed users to search for recipes
- Led development in application structure, as well as led graphic design for the application

Analog Group Project | Repo ([FE/BE](#)) | [Application](#) | **Tech:** Ruby on Rails, Javascript, AWS S3

- Built a Basecamp clone using Rails and Javascript
- Contributed to the AWS S3 upload service for both the front and back end

Professional Experience

High School Math Teacher @ Weld RE-4, Severance, CO 01/2022 - 08/2023

- Fostered an equitable learning environment, including all students of varying backgrounds
- Spearheaded the inaugural AP Calculus BC class and chess club

Education

Accredited Certificate in Backend Engineering, Denver, CO 06/2023 - Present
Turing School of Software and Design

Colorado State University, Fort Collins, CO 08/2021 - 05/2022
Master's of Education with Teacher Licensure, Highly Qualified

University of California, Davis, Davis, CA 09/2014 - 06/2018
Neurobiology, Physiology, and Behavioral Psychology B.S. Minor: Statistics