Stephen McPhee

Back-end Software Engineer

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[Terminal - Stephen McPhee](#)

Summary
Software developer with a background in biology. Diversified skills will support unique and innovative ways to merge biological and medical needs with coding solutions, such as analyzing data into predictive, curative, or palliative tools for health conditions.

Skills
Languages / Frameworks: Ruby, Ruby on Rails, SQL, RSpec, Capybara, JSON, GraphQL, HTML5, CSS3, PostgreSQL, TailwindCSS, Sidekiq, Redis
Systems / Practices: Microservice Architecture, Heroku, Test Driven Development, CI/CD with GitHub Actions, GitHub, Object-Oriented Programming, REST APIs, Model View Controller Architecture
Currently Learning: Python, Django

Projects
RentInform - **[Deployment LINK](#)** | **[GitHub link](#)** | A competition *winning* project
Tech: Ruby on Rails, Sidekiq, PostgreSQL, Circle CI/CD, Google OAuth2, Redis, Heroku, TailwindCSS
RentInform is a civic data tool to help prospective renters in the city of Philadelphia find city-certified rental properties. Developed with a team of 4 over the course of 14 days.
- Placed 1st in a demo competition judged by members of the Denver Tech community.
- Created a backend API that consumed external APIs and exposed them in endpoints
- Collaborated on designing the user interface, application flow, wireframes, and consumption of the backend API

Game Night - **[Deployment LINK](#)** | **[GitHub link](#)** | A competition project
Tech: Ruby on Rails, GraphQL, PostgreSQL, OpenAI and ChatGPT, Render, Postman
Game Night is an app to help organize tabletop game nights with friends.
- Created an API that consumed external APIs and exposed them in a graphQL endpoint
- Integrated OpenAI and ChatGPT to generate recommendations for end users
- Led agile practices through cross-functional team stand up and retros in a fast-paced environment

P10 Racing - **[GitHub link](#)**
Tech: Ruby, Ruby on Rails, PostgreSQL, Postman
Formula 1 fan game - A passion project
- Allows Users to pick a driver and earn points by how close that driver finished to 10th place.

Experience
Le Peep Restaurants, Littleton, CO - Server   May 2017 - August 2022
- Extensive experience delivering high-quality customer service in the restaurant industry
- Proficient organization, efficiency, planning, and oversight capabilities derived from handling multiple priorities and multiple timelines as a host and server for large serving stations

Education
Metropolitan State University of Denver, Denver, CO
Bachelor's; Major in Biology, Minor in Japanese Language   December 2021

Leadership: Teachers Assistant for Anatomy and Physiology Laboratory (5 years)

Turing School of Software and Design, Remote
ACCET Accredited Certificate in Back-end Engineering   Jan 2023 - Aug 2023