

# Stephen McPhee

## Back-end Software Engineer

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### 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

**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

**RentInfrom** - [Deployment LINK](#) | [GitHub link](#) | A competition *winning* project

**Tech:** Ruby on Rails, Sidekiq, PostgreSQL, Circle CI/CD, Google OAuth2, Redis, Heroku, TailwindCSS, New Relic

RentInfrom 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 user interface, application flow, wireframes, and consumption of the backend API

**Game Night** - [Deployment LINK](#) | [GitHub link](#)

**Tech:** Ruby on Rails, GraphQL, PostgreSQL, OpenAI and ChatGPT, Render

Game Night is a . Developed with a team of 2 over the course of 7 days.

- Created an API that consumed external APIs and exposed them in a graphql endpoint
- Integrated OpenAI and ChatGPT to generate recommendations
- Led agile practices through cross-functional team stand up and retros in a fast-paced environment

**Whether Sweater** - [GitHub link](#)

**Tech:** Ruby, Ruby on Rails, PostgreSQL, Postman

APP NAME allows users to track horror movie ratings and reviews. Developed over the course of 8 days.

- Final solo project of Turing's Mod three back-end program
- Version-controlled API, that consumes four external API and exposes them in RESTful endpoints

### Experience

**Le Peep Restaurants, Littleton, CO** - Server

May 2017 - August 2022

- Extensive experience and customer service skills in multiple restaurant roles and with varying audiences (host, server, coffee bar, cashier; management, coworkers, customers)
- 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