

# JEREMIAH MICHLITSCH

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## SKILLS

**Expertise in:** Ruby, Rails, SQL, Sinatra, Rspec, Git/GitHub, HTML, JSON

**Experience with:** Spring, Java, JQuery, TravisCI, Heroku, Slack, Javascript, Python

## GitHub Projects

### Sweater Weather

04/2021

An application to plan road trips centered around weather forecasts. Allows users to see weather forecasts for their trip including weather at the start of the trip and at the end once at their destination. Used two external APIs to extrapolate data and translate into readable weather predictions

- Consumed [OpenWeather](#) and [MapQuest](#) APIs to minimize data stored in application
- Constructed Five JSON API endpoints to expose front-end plug in
- **Tech Stack:** Ruby on Rails, Active Record, Open Weather API, MapQuest API, RSpec, Factory Bot, GitHub

### Rails Engine

03/2021

A back-end service-orientated application that sends revenue data in JSON to a separate front-end application. Was able to test application with Postman using a PostgreSQL dump (backup) as the seeded data

- Exposed 18 JSON API endpoints to the front-end plug in
- Utilize Postman's testing suite to confirm correct data is being passed through
- **Tech Stack:** Ruby on Rails, Active Record, SQL, RSpec, Postman, GitHub

### Quick Command

05/2021

An organization application that provides personnel assignment for an emergency response supervisor.

- A protocol view to allow access to emergency responder information that will aid them in preparation to respond.
- A component/route for weather that will alert the commander and personnel on what to expect on-site with details about precipitation, wind, and other necessary details about the environment onsite
- A route that offers more in-depth analysis of the site details (map to headquarters, summary of incident and instructions based on the incident)
- Leveraged Ruby Gems WebMock and VCR to mock and test multiple API calls
- **Tech Stack:** Ruby on Rails, Active Record, HTML, React, TravisCI, Heroku, RSpec, Postman, GitHub, Webmock

## EDUCATION

**Turing School of Software Design**, Denver CO  
Backend Engineering Program

11/2020 - 06/2021

**Front Range Community College**, Westminster CO  
Programming Associate of Applied Science

01/2020 - 05/2020

**University of Colorado**, Boulder CO  
Bachelor of Science  
Business Administration and Management

08/2014 - 12/2019

## WORK EXPERIENCE

**Personal Trainer**, 24 Hour Fitness, Broomfield CO/Independent  
Personal Trainer for one of the largest chain gyms in the United States

06/2018-Present

- ACE Certified

**Irrigation Seasonal Technician**, City and County of Broomfield, Broomfield CO

05/2014 - 11/2019

- Works on Irrigation Systems and Irrigation Controllers
- Works on Irrigation Programs Accounting for Weather and Grass Types
- Manages Database of All Irrigation Systems Within City
- Works Among Team in Day to Day Operations of Parks Systems

**Service Representative**, 24 Hour Fitness, Broomfield CO

11/2017 - 05/2018

- Ran Day to Day Operations of Gym including Fac
- Managed Sales and Retail Department

- Coordinated with Personal Trainers to Increase Amount of Training Sessions