

LUKE SWENSON · Backend-Engineer

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SUMMARY

Current Student from Turing School of Software Engineering and Design seeking to use my backend development experience in an entry level position. Possesses 7 months of experience in testing and building web applications using Ruby on Rails, Ruby, SQL, Postman, Github workflow. Workplace leader and great on working in teams with a drive to succeed.

SKILLS

- Ruby
- SQL
- Postgresql
- HTML
- CSS
- Ruby on Rails
- Github
- ActiveRecord
- RSpec
- Postman
- Python

SOFTWARE PROJECTS

Sweater Weather | [Repository](#) | Solo Project | 1 person Team | 40 hours

- A backend application that utilized a SOA architecture that allows a user to lookup weather in different locations as it displays current, hourly, and daily weather for 7 days. This user will also be able to create an account, obtain an API key and input road trip data to return the weather at the time of arrival.
- Built to send information to the frontend and have complex API calls. Formatted complex data and query/formatted data to send to a frontend application. Save users in a database and generate API keys.
- **Tech:** Ruby on rails, PostgreSQL, Active Record, RSpec, Postman, Github

Waste No More | [Repository](#) | Group Project | 6 person Team | 80 hours

- An application that tracks food by allowing a user to input food items from their kitchen with expiration dates and gets recipe recommendations based on the food items. Users may also lookup food banks nearest to them.
- Utilized SOA to accomplish a backend and front end application with agile team processes
- **Tech:** Postman, PostgreSQL, Bootstrap, Ruby on Rails, Api Consumption

Foodive | [Repository](#) | Group Project | 7 person Team | 80 hours

- An application used to find restaurants in the users local area. The user will be able to use the category filter to pick a genre of food, the application will filter and output a restaurant with information on that restaurant such as rating and price
- Practiced designing a normalized database schema and defining model relationships, practiced consuming api's and utilized advance active record techniques to perform complex database queries.
- **Tech:** Ruby on Rails, PostgreSQL, Active Record, RSpec, Github

EDUCATION

Turing School of Software and Design, Denver, CO

Mar 2022 - Sep 2022

Certificate of Completion Back End Engineering

1500 hours of programming experience over 7-month intensive, ACCET-accredited software development program

EXPERIENCE

US. Air Force, Public Health Technician, Kirtland Air Force Base

Aug 2014 – Jan 2020

- Led food protection and sanitation for Kirtland AFB Air Force Base Airshow 2019. Mentored a team of eight inspectors to inspect 12 food booths and 23 food carts around Airshow for 10 hours. Coordinated schedules manning rotations, inventory management, equipment accountability and showed on the spot critical thinking and problem solving
- Oversaw Public Health Flight in charge of 25 base wide programs protecting 20,000+ base personnel through preventative programs in Food, Occupational Health, Deployment Health, and Disease Surveillance