

Lucas Colwell

Back-End Software Engineer

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SKILLS

Ruby on Rails, TDD, RSpec, SQL, ActiveRecord, APIs, SOA, Git, Auth, GraphQL, Python, HTML

PROJECTS

DiscoverIt *Team of 7 | 10 day sprint | [GitHub repo](#)*

Full Stack Mobile Concierge Application

Technologies Used: Github, Heroku, GraphQL, and CircleCi

- Used Agile workflow to build an application for users to discover things to do in new cities

Lunch and Learn *Solo Project | 5 day sprint | [GitHub repo](#)*

Backend Rails API built to meet specifications and wireframes provided by a Frontend team.

Technologies Used: Ruby on Rails, PostgreSQL,

- Consumed multiple external APIs to return tailored JSON responses.
- Built all endpoints adhering to REST principles.

Enigma *Solo Project | 5 day sprint | [GitHub repo](#)*

Ruby Encryption/Decryption Program

Technologies Used: Ruby, RSpec TDD, GitHub

- Replicated version of Alan Turing's Enigma decryption device
- Automated encryption and decryption of messages

SELECTED EXPERIENCE

Culinary Director, Denver — Self Employed **Mar 2020 - Mar 2022**

- Organized dinner parties and tastings, as well as in-home experiences for clients.
- Used chemistry and culinary knowledge to create new experiences with locally-sourced ingredients.

Lab Manager **Feb 2017 - March 2020**

- Directed teams in complicated chemical processes in fast paced pharmaceutical labs.
- Consulted CBD companies to build and scale labs with state of the art equipment.
- Wrote documentation and SOPs for new processes.

EDUCATION

Turing School of Software and Design — Back end Software Engineering **May 2022 - Nov 2022**

Rose-Hulman Institute of Technology — Chemical Engineering **2013 - 2017**