

BENJAMIN FOX

SOFTWARE ENGINEER

SPECIALIZING IN BACKEND DEVELOPMENT

CONTACT ME

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Denver, CO - Willing to relocate

LinkedIn: benfox1216

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Turing Portfolio:

<https://alumni.turing.io/alumni/benjamin-fox>

CAREER OBJECTIVES

I'm looking to start my career at a company where I can be a productive and contributing member of the team, while continuing to grow and become better at the craft of software development.

TOOLS

- Ruby on Rails
- PostgreSQL
- SQL/Active Record
- JSON Formatting
- Git/Github
- Terminal
- RSpec/Capybara and Minitest
- Heroku Web Hosting

SKILLS

- Test Driven Development (TDD)
- MVC Framework
- Version Control
- DRY Principles of Design
- Relational Database Management
- Exposing/Consuming REST APIs
- OAuth Implementation
- Team Dynamics
- Agile Workflow
- Remote Work

EDUCATION

Turing School of Software & Design
Graduated August 2020

University of Oklahoma
90 hours completed

EXPERIENCE

Turing+ Fellow

TaxJar | Oct 2020 - Jan 2020

- Restructure the way people seed their local databases, using Ruby on Rails, to improve consistency across all computers and workspaces

Backend Engineering Graduate

Turing School of Software & Design | 2019 - 2020

- Studied backend development from learning the basics of Ruby through using Rails to manage databases and consume/expose APIs
- Learned essential principles of effective programming, and implemented them successfully in my projects
- Final project won a spot in a demo competition
- Completed 13 solo, paired, and group projects
- Facilitated the transition to remote learning as the student body representative

Contract Position - Built Test Server API

Eggplant | 2020

- Created multiple API endpoints to return an array of JSON responses, some random, along with testing with RSpec

Founder/Manager

Popcorn Obsession | 2011 - 2017

- Founded and managed a gourmet popcorn and candy store
- Developed store management systems necessary for ensuring a quality employee and customer experience, in addition to a great product

PROJECTS

Enigma

Solo Project - <https://github.com/benfox1216/enigma>

- Created an application for encryption and decryption
- Utilized core programming principles, such as TDD, encapsulation, and abstraction
- Demonstrated my ability to code using Ruby

Monster Shop

Group Project - https://github.com/benfox1216/monster_shop_1911

- Produced an app with different types of users, and the ability to manage shops, items, orders, place order, etc.
- Practiced maintaining solid team dynamics and using an agile workflow
- Effectively constructed an MVC framework with Ruby on Rails & PostgreSQL, testing using RSpec/Capybara, and hosting on Heroku

Rails Engine

Solo Project - https://github.com/benfox1216/rails_engine

- Having been provided with a front end application and CSV data, built/exposed a REST API to pass the spec harness provided
- Used Active Record queries to create required endpoints
- Implemented CRUD functionality