

ANDREW BOWMAN · Software Engineer

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SKILLS

Programming Languages: Ruby, Python, SQL, HTML/CSS

Frameworks/Databases: Ruby on Rails,, PostgreSQL

TDD: Minitest, RSpec, Pytest, Capybara, Shoulda-Matchers, SimpleCov, VCR, WebMock

Technologies/Tools: Postman, GitHub/Git, ActiveRecord, Heroku, JSON, OAuth

Concepts: OOP, Agile Methodologies, RESTful API's, MVC, CRUD, SOA

SOFTWARE PROJECTS

JukeGenie | Ruby | [GitHub Repo](#) | Group Project | 60 hours

- Allows users to generate playlists based on seed artists, genres, and tracks
- Implements authorization and authentication using BCrypt
- Tech Stack: Ruby, Rails, RSpec, TDD, BCrypt, Postman, JSON:API Serializer

Lil Esty Shop | Ruby on Rails | [GitHub Repo](#) | Group Project | 40 hours

- Sets up a basic web shop framework for merchants, items, and invoices
- Uses ActiveRecord to manage database
- Managed project issues among group members with agile methodologies

The Daily Dadlist | Python | Solo Project | 10 hours

- Simple Python script that manages Gmail with OAuth flow to send a GPT-generated newsletter to my dad

Connect Four | Ruby | [GitHub Repo](#) | Pair Project | 50 hours

- Models the board with linked nodes to enable easy connection checking
- Implements several difficulty levels with smart algorithms to play against

EXPERIENCE

Tutor, Spidersmart Learning Center, Vienna, VA September 2020 – Jan 2023

- Taught math, science, and English; Developed curriculum for test prep

German Document Reviewer, Transperfect Washington, DC Aug 2017 – November 2019

- Review for a German multinational's internal investigation of regulatory violations
- 1st and 2nd level privilege review in **Relativity, translations, redactions, database searches and reports**

EDUCATION

Turing School of Software and Design, Denver, CO
Backend Software Engineering Program in Progress

Georgetown University, Washington, DC
B.A. in German - 2009