

BRADLEY MILTON · Software Engineer

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SKILLS

- Ruby
- Ruby on Rails
- SQL
- Postgresql
- APIs
- HTML/CSS
- RESTful Development
- Object Oriented Programming
- Test Driven Development
- GitHub
- Render

SOFTWARE PROJECTS

Esty shop | <https://github.com/brad2412/little-shop-7> Repository | Team Project | 7 Day Timeline

Tech Used: Ruby on Rails | Rails API | HTML/CSS | PostgreSQL

- Applied conventional, readable, and maintainable code according to a service-oriented architecture design pattern
- Consumed, aggregated, and serialized data from two external APIs and exposed them to a front end through RESTful routes
- Maintained 100% test coverage through unit and integration tests with RSpec and rigorous edge case testing
- Designed a user friendly and accessible experience with HTML and Bootstrap/CSS and offer Oauth2 login through Google Oauth

Pet Adoption | [Adopt dont shop](#) | Team Project | 6 Day Timeline

Tech Used: Rails API | PostgreSQL | HTML/CSS |

- Exposed a versioned API that aggregates data from multiple external APIs to streamline data access and reduce time to find forecasts and relevant information
- Determined completion criteria based on the needs of another development team
- Deployed application to the Render platform

EXPERIENCE

MQ-1B/MQ-9A Sensor Operator, AEVEX Solana Beach, CA 2018 – 2021

MQ-1B/9A Evaluator Sensor Operator, USAF Creech AFB, NV 2013 – 2018

- Executed over 4000 hours of Intelligence, Surveillance and Reconnaissance/Close Air Support in the MQ-1B Predator and MQ-9A Reaper. Directly involved with dismantling terrorist networks and ground force protection in six regions with varying political and cultural sensitivities.
- Organized the daily flying and training schedule for over 600 flight hours and over 120 training hours. Supervised the well being of flight crews, enhancing knowledge of tactics, techniques, and procedures. Increased growth of the remotely piloted aircraft RPA and ISR community.
- Trained Evaluator/Instructor Sensor Operator dedicated to improving organization by training and directing incoming students and administering evaluations. Trained oncoming students in integrated ISR techniques for a variety of customers in multiple locations around the world.

EDUCATION

[Turing School of Software and Design](#), Denver, CO

March 2023 - Present

- 400+ hours of programming experience over 3 month intensive software development program
- Federally accredited by ACCET Backend Software Engineering Certificate