

April Gilmer

[LinkedIn](#) • [Github](#) • [CodeWars](#) • [Portfolio](#)

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My Google Drive

- [Project Videos](#)
- [Project Images](#)

Education

TrueCoders — Advanced Technical Training — March 2025 - Oct 2025

The TrueCoders training program is a project and lecture-based training program that aims to fill the growing need for data science and software development jobs in Alabama. Projects include multiple personal and group-oriented tasks that involve multiple programming languages over the course of the program.

- Over 300 hours of intensive, project-based training in programming languages and other technical skills, such as C#, .NET Core, SQL, Git, ASP.NET MVC, HTML, CSS, and JavaScript.
- These skills were developed by building multiple C# and SQL projects
- C# and SQL Projects were tracked using Git and GitHub for source control.

[View Certificate](#)

Technical Projects

ENDANGERED NEAR YOU — ASP.NET Core MVC | C# | API | JSON | CSS | Dapper | HTML | JavaScript

Web application providing thousands of pages of threatened species information.

Project Highlights

- Built using C# on ASP.NET Core MVC framework with Visual Studios 2022
- Instantiated and configured HTTPRequestMessages to Asynchronously obtain data from iNaturalist API endpoints employing a user's location as a URI parameter
- Deserialized JSON Array data obtained from APIs and stored said data in new Model instances
- Displayed user-requested information using Views with Razor syntax, embedded CSS, and HTML 5
- Constructed thousands of web pages by using a modifiable View equipped with C# loops that update data based on user actions
- Created a new database by importing .CSV files within MySQL Workbench to provide users with the option to choose from over 100,000 locations or a random location worldwide
- Implemented unit testing for important service and domain methods with xUnit

View [Project Video](#) or [Github](#)

Languages

- C#
- SQL
- JavaScript
- HTML
- CSS

Technologies

- ASP.Net MVC
- .NET Core
- MySQL
- Dapper
- RestAPI
- Bootstrap
- SQLite

Skills

- Test-Driven Development
- Clean Architecture

Certificates

- [TrueCoders Full-Stack Software Engineer](#)
- [Introduction to C#](#)
- [C# Intermediate](#)

Technical Projects Continued

BEST BUY MVC DATABASE — C# | ASP.Net Core MVC | Dapper | HTML | SQL

A web application granting users the ability to simulate managing the inventory database of a Best Buy store

Project Highlights

- Created using C# on ASP.NET Core MVC framework and Dapper ORM within Visual Studios 2022 and SQL database built using MySQL Workbench 8.0.42
- Utilized Dapper's Query/Execute methods within Visual Studios to perform Select, Insert, Update, and Delete queries to the MySQL database
- Used HTML forms to trigger Controller actions and Views with Razor syntax to display database information

View [Github](#)

TACO PARSE — C# | .NET Core | LINQ | xUnit

A console application that compares a list of coordinates and returns the 2 with the greatest distance between them

Project Highlights

- Demonstrated Test-Driven Development by using xUnit to develop unit tests with Arrange/Act/Assert pattern
- Parsed .CSV file data using a combination of C#/LINQ ReadAllLines, Split, and Select methods
- Implemented GeoCoordinate class in conjunction with C# "For" loops to cycle through coordinates and compare the distances between locations
- Established a scalable application by conforming custom classes to the ITrackable interface

View [Github](#)

PORTFOLIO WEBSITE — HTML | CSS | JavaScript | Photoshop

A modern webpage built to display notable portfolio projects

Project Highlights

- Created with HTML 5, CSS with Bootstrap, and VS Code v1.103 as the IDE
- Inserted drawbar/header movement using JavaScript jQuery scrollTop and Click methods
- Used Photoshop to modify .JPG images

View [Portfolio](#)