

APRIL GILMER

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EDUCATION:

FULL-STACK SOFTWARE ENGINEERING BOOTCAMP — 2025

TrueCoders — Certified for completing 500+ hours of intensive lectures, personal and group project-based training in technologies such as: C#, SQL, JavaScript, .NET Core, APIs, JSON, ORMs, Unit Testing, ASP.NET Core MVC, HTML, CSS, Visual Studio and Git.

A.A.S Associate of Applied Science in Dental Hygiene **Columbus Technical College** — 2017

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

Web application providing thousands of pages of threatened species information

- 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

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

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

- 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

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

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

- 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

PORTFOLIO WEBSITE — HTML | CSS | JavaScript | Photoshop (<https://aprilgilmer.github.io/>)

A modern webpage built to display notable portfolio projects

- 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