

# ALEXANDER COLEMAN

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## C#/.NET Software Developer

### Skills

- C# | JavaScript | SQL | CSS | HTML | .NET Core | .NET Core MVC | .Net Core Web API

### Professional Summary

Dedicated Software Developer currently building foundational skills for a C/.NET Software Development role. Intrinsically motivated individual prepared for challenges of a position and ready to use abilities in communication and problem-solving to meet company goals.

### Profiles links

<https://github.com/AlexanderColeman>  
<https://www.linkedin.com/in/alexander-coleman-41ab91236/>  
<https://www.codewars.com/users/acoleman22>  
<https://alexandercoleman.github.io/PortfolioWebsite/index.html>

### Education

#### TrueCoders

Software Engineering

Project-based training in programming languages and other technical skills, such as SQL, C#, .NET Core, Java, Git, ASP.NET MVC, HTML, CSS, and JavaScript. These skills were developed by building multiple C# and SQL projects in Visual Studio and Visual Studio Code C# and SQL Projects were tracked in Git and GitHub for source control Managed SQL databases using the CRUD operations in Sql Server.

**Associate of Applied Science:** Non-Destructive Testing  
**Ridgewater College** - Hutchinson, MN

### Projects

#### Volleyball Web App: C# | ASP.NET Core MVC | SQL | HTML | CSS | JavaScript

- The app takes advantage of dependency injection by using an IoC container to handle the newing up of objects.
- Used a SQL Server on the backend for data storage.
- Authorization and Authentication functionality achieved by the implementation of Entity Identify Framework Utilized two APIs for Ip Location and image storing functionality.

#### Tacobell Geolocator: C# | .NET Core | xUnit

- Uses a CSV file to populate an IEnumerable called locations
- Test-Driven Development using xUnit ensures that invalid or missing data is handled correctly.
- If the data is out of bounds or cannot be parsed, then the parse method returns null.
- Finally, utilizing the Geolocator NuGet package, the program will calculate the two farthest Tacobells.

#### Open Weather Map API: C# | .Net Core | Newtonsoft.Json

- utilized Open Weather Map API to be able return the current temperature of an enter city in a C# .NET console app.
- used a generated API key and API call to access the data response.
- Parsed data from the API call with a Newtonsoft.Json Nuget package for an easier to read formatted response.