



KYLE SCHUMACHER

Software Developer

PERSONAL BACKGROUND

I am a software developer with excellent analytical skills combined with overall proficiency in debugging, assorted troubleshooting, and problem solving. Experienced in working on Object Oriented Design and Development. Worked both independently and in small groups on projects, ensuring all guidelines were met while still achieving turn in dates ahead of deadlines.

SKILLS

- C# | WPF
- .NET Framework | .NET Core
- ASP.NET
- RESTful APIs
- SQL
- HTML/CSS

GET IN TOUCH WITH ME

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- [LinkedIn](https://www.linkedin.com/in/kyle-schumacher-17584b1ba/): https://www.linkedin.com/in/kyle-schumacher-17584b1ba/
- [GitHub](https://github.com/K-Schumacher?tab=repositories): https://github.com/K-Schumacher?tab=repositories

EDUCATION

TrueCoders

Advanced Technical Training | 2020 - 2020

- Over 500 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

SekureNation

Advanced Technical Training | Expected graduation June 2021

- Linux, MAC OS, and Windows Basics
- Network Security & Attacking Network Protocols
- Web Application Principles & Testing
- Mobile Device Security Principles & Testing
- Python, Bash, PowerShell, and HTML Scripting/Debugging

TECHINICAL PROJECTS

TV-Movie-Database

C# | .NET Core | ASP.NET | JSON | API | HTML | CSS

- This program utilizes an IMDB API and ASP.NET MVC to allow users to search for a movie or tv show to see the related information
- Features the Bootstrap Library to accommodate the HTML and CSS used to enhance User Experience

KanyeREST

C# | .NET Core | JSON | API

- This program will simulate a conversation between Kanye West and Ron Swanson through the use of a RESTful web API.
- Using the Newtonsoft.JSON NuGet package the program will make a call to the Kanye URL and parse the JSON object into a string called kanyeQuote
- The application makes a call to the Ron Swanson API and parses the JSON Array into a string called swansonQuote
- The program will "chat" using a loop to simulate the two talking back and forth until the loop finishes execution

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TECHINICAL PROJECTS

Calculate Sales and Import Tax

C# | .NET Core

- This program has the user follow the console prompts to calculate sales and import tax of items they wish to purchase.
- User has 100% customization for the items they chose to purchase
- All items besides books, food, and medical products are subject to a 10% sales tax.
- All items imported are subject to a 5% import tax.
- Final cost is rounded to the nearest nickel.
- A receipt is printed out and displayed for the user listing the items purchased, quantity, price per unit, total tax, and their total price.

TacoBell Geolocator

C# | .NET Core | SQL | xUnit

- Uses a CSV file or a SQL database to populate an `IEnumerable<Tacobell>` 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 Taco Bells

Best Buy CRUD Database Console

SQL | C# | .NET Core

- The BestBuy database simulates an inventory management system and employee sales records
- Implemented a repository pattern to isolate the data access logic and business logic in order to allow for a more loosely coupled approach to data access from a sample BestBuy database
- Demonstrated CRUD operations through a console user interface