JONATHAN GILMER

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*To view project demonstration videos, please visit: youtube.com/playlist?list=PL-sbQhp3fEtCoFfqs0zZEE4RowFICn73N

Backend Developer

SUMMARY

Software engineer, experienced with application debugging, MVC design pattern, and building and retrieving data from APIs. Developed web and console applications that integrated with databases to execute CRUD functionality. Passionate and hardworking with a knack for creating interfaces with a focus on accessibility and security.

EXPERIENCE

ANIME ANALYTICS:

An ASP.NET Core MVC application providing thousands of pages of anime information and recommendations. Views are built from data parsed from multiple API endpoints and subsequently displayed using Razor syntax, CSS, and HTML 5.

BEST BUY MVC DATABASE:

An ASP.NET Core MVC application with CRUD functionality which grants users the ability to simulate managing the inventory database of a Best Buy store. Utilizes C# and Dapper ORM to query and write to MySQL database.

PORTFOLIO WEBSITE:

A modern webpage built using HTML 5, CSS with Bootstrap, and JavaScript to display notable portfolio projects.

TACO PARSER:

A C# console application that provides the user with the 2 Alabama Taco Bells with the greatest distance between them. Parses location data from a CSV file, and implements GeoCoordinate class to cycle through and make data set comparisons. Also features xUnit testing.

ZOO API:

A custom ASP.NET Core web API that supports full CRUD functionality with a SQL database featuring zoo animals and their various details.

OPEN WEATHER API:

A C# console application which allows users to obtain the current weather of a user-specified location, built using data parsed from API requests.

SKILLS

LANGUAGES

- C#
- SQL
- HTML
- CSS
- JSON
- JavaScript

FRAMEWORKS

- ASP.NET Core

VERSION CONTROL

- Git
- GitHub

IDEs / PLATFORMS

- Visual Studio Code/Community
- MySQL Workbech
- Postman

GAME ENGINES

- Unity

GRAPHIC DESIGN

- Photoshop
- Blender
- DaVinci Resolve

EDUCATION

FULL STACK SOFTWARE ENGINEERING CERTIFICATION

TrueCoders

M.F.A. MUSIC COMPOSITION FOR THE SCREEN

Columbia College Chicago

B.M. COMPOSITION & MUSIC TECHNOLOGIES

LaGrange College