Amoriss Mallett

.NET Developer

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GitHub | **Codewars** | **C# Certification**

EXPERIENCE

TrueCoders, Remote — *Instructor*

2022 - 2024

- Mentored 100+ students in C# and software development, covering essential topics such as TDD, API development with ASP.NET Core.
- Designed and presented 50+ engaging presentations and data visualizations using Canva and interactive tools to enhance student learning.
- Authored 15 detailed guides for practical software tasks, including API integration and database interactions.
- Provided personalized assistance to 50+ students in project development..

TrueCoders, Remote— *Teacher's Assistant*

2021- 2022

- Collaborated with the lead instructor to teach C# and software development, fostering a collaborative learning environment.
- Guided students through practical applications of theoretical knowledge during lab sessions.
- Facilitated group discussions and assessed student performance through grading and feedback.

PROJECTS

Disaster Relief Application — *October 2024 - Present*

Building a **React-based** application that enables volunteers to sign up, log in, and register for specific events, such as donation drives. The app provides essential resources for disaster assistance and features a responsive design for various devices.

Technologies Used: React, React Router, CSS, HTML, Supabase

Resume Management Application — *October 2024 - Present*

Developing a **Blazor WebAssembly** app for HR professionals to manage candidate resumes, allowing filtering by name and date, marking favorites, and viewing PDFs directly within the app.

SKILLS AND TECHNOLOGIES

Programming Languages: C#, SQL, HTML, JavaScript, CSS

Frameworks & Tools: ASP.NET MVC, Blazor, Visual Studio, JetBrains Rider, xUnit, Bootstrap, API integration, Postman

Development Methodologies: Agile, Test Driven Development (TDD)

Version Control: Git, GitHub

Databases: MySQL, Microsoft SQL Server, Stored Procedures, Dapper

Design Tools: Canva

Currently Learning: Docker, React, Figma, Identity Framework

RELEVANT COLLEGE COURSES

Discrete Math

Programming Fundamentals I (Python)

Programming Fundamentals II (C++)

Computer Organization and Machine Language (MIPS assembly language)

Data Structures (C++)

Computer Ethics

Technologies Used: Blazor WebAssembly, C#, Blazored.LocalStorage, UglyToad.PdfPig, HTML, CSS

Technical Writing

Trivia Blazor App — *September 2024*

Developed a trivia application that challenges users to identify celebrities from quotes. Users guess the celebrity, select from images, and receive instant feedback, with an option to refresh for a new quote.

Technologies Used: Blazor, ASP.NET Core, Newtonsoft.Json, JavaScript, HTML, CSS, API's

Restaurant Data Processor — *September 2024*

Created a tool for analyzing restaurant location data, parsing CSVs from sources like Taco Bell and Subway into structured objects. It supports geographic calculations for data insights.

Technologies Used: C#, Serilog, GeoCoordinate.NetCore

Inventory Management System – *August 2024 - September 2024*

Developed an inventory management application with **ASP.NET Core MVC** and **Dapper**, offering comprehensive product overviews, seamless updates, and sales insights.

Technologies Used: ASP.NET Core MVC, Dapper, SQL, HTML, CSS