

Amoriss Mallett

Software Developer

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[GitHub](#) | [Codewars](#) | [C# Certification](#) | [Video Presentations](#)

OBJECTIVE

Experienced C# instructor with three years at TrueCoders, skilled in simplifying complex concepts and debugging code. Utilized daily stand-ups, to effectively support and manage student projects, enhancing collaboration and project outcomes. Seeking a C# Developer role to leverage my expertise in software development, problem-solving, and team collaboration to align product development with business goals and enhance user satisfaction.

EXPERIENCE

TrueCoders, Remote — *Instructor*

2022 - 2024

- Designed and delivered over 50 presentations, slides, and data visualizations using Canva and Google Slides, incorporating educational technologies like Blooket to improve student engagement and comprehension.
- Instructed and mentored over 100 students in C# and software development, covering critical topics such as methods, classes, Test-Driven Development (TDD), APIs, and ASP.NET Core.
- Developed and published at least 15 detailed "How-To" guides for practical software development tasks, including securing appsettings.json, which facilitated smoother project implementations and enhanced students' technical skills.
- Provided individualized support to 50+ students outside of class hours, assisting with project development and tool utilization (e.g., Git).

TrueCoders, Remote — *Teacher's Assistant*

2021- 2022

- Assisted in teaching C# and software development, collaborating with the lead instructor.
- Guided students during lab sessions, helping them apply theoretical knowledge practically.
- Graded exercises and quizzes.
- Facilitated group discussions in breakout sessions and encouraged collaborative learning

SKILLS AND TECHNOLOGIES

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

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

Development Methodologies: Test Driven Development (TDD),

Version Control: Git, GitHub

Databases: MySQL, Dapper

Design Tools: Canva

Currently Learning: Docker, Clickup

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

Technical Writing

PROJECTS

Reservation Management System – *Table Booking App*

- Developed a table booking app with a sleek Bootstrap UI.
- Implemented features for reservation management and user input validation using Dapper ORM.

OpenWeather API – *Console Application*

- Built a console app to fetch and display weather data using the OpenWeatherMap API and HttpClient, and asynchronous methods for efficient data retrieval.
- Implemented modular design with separate classes for API requests and user input, improving maintainability.

CityBike API – *Location Viewer*

- Created an ASP.NET Core MVC app to display bike-sharing locations via the CityBike API.
- Retrieved, deserialized, and filtered API data to present city names and e-bike availability.

Kanye REST – *Conversation Simulator*

- Built a C# conversation simulator between two RESTful APIs.
- Originally utilized the Newtonsoft.Json NuGet package to parse objects and simulate a dialogue between APIs.
- Updated the project to map JSON data to class models and implement deserialization.

TacoParser — *Geolocation Application*

- Parsed CSV data to locate Taco Bell branches and calculate distances using GeoCoordinate.
- Used TDD to ensure accurate location data.

BestBuy Data Management System – *Product and Departments Manager*

- Created a console app with Dapper ORM for managing product and department data.
- Enabled retrieval, display, and creation of products and departments using MySQL.

Text Adventure – *Chef's Challenge*

- Developed a C# text adventure game where players manage a three-course meal.
- Implemented branching scenarios and decision-making elements affecting game outcomes.

