

Muhammad Zain

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SUMMARY

I'm an enthusiastic Bahria University undergraduate pursuing a Software Engineering degree, having a strong foundation in programming languages, and hands-on experience in .NET development, algorithms, and machine learning. Seeking mostly for software development, and data science positions to apply and enhance skills while contributing to organizational success and gaining valuable industry experience.

EXPERIENCE

.NET Intern

NexinIT

October 2023 - November 2023

- Back-end development utilizing .NET Core, MVC architecture, and Entity Framework.
- Crafting responsive and user-friendly interfaces with Razor UI, jQuery, AJAX, Bootstrap, HTML, CSS, JavaScript of Customer Invoicing Application.
- Using SQL Server, ensuring data integrity and optimal performance.

PROJECTS

Don't Blink (Android App)

github.com/mzainxo/Dont-Blink-Game-Android • May 2024 - June 2024

- An Android app developed using Android Studio and Material UI 3.
- Uses Google Vision library for eye detection with 98% accuracy.
- Firebase Realtime Database for efficient data management and leaderboards.

Driver Drowsiness Detection System

github.com/mzainxo/Driver-Drowsiness-Detection-System • December 2023 - January 2024

- Utilizing OpenCV for real-time video capture and image processing to monitor the driver's face.
- Implementing a Convolutional Neural Network (CNN) model through Keras for the classification of the driver's eye state.

Vehicle Trading System (Windows Forms Application)

github.com/mzainxo/VehicleTradingSystem • May 2023 - June 2023

- A state-of-the-art vehicle management system designed to streamline and optimize your vehicle operations.
- It involves arrangement and maintaining financially crucial data on automobiles, maintenance logs, maintenance/repair costs, and the profit/loss beared.
- The project features building a strong and effective database infrastructure, guaranteeing flawless data administration.

MAZE RUSH

github.com/mzainxo/MazeRush • January 2023 - February 2023

- A Labyrinth maze game using A* algorithm.
- The player must find out the shortest path through the maze within the provided time, along with a leaderboard.
- This project uses Windows form, C#.

EDUCATION

Bachelors of Software Engineering

Bahria University • 2025 • 3.68

CERTIFICATIONS

Google Cybersecurity Professional Certificate

Coursera - Google • 2024

SKILLS

Programming: C#, SQL, Python, Java, C, HTML/CSS, JavaScript

Libraries./Frameworks: .NET, Entity Framework, jQuery, AJAX, Bootstrap, Pandas, OpenCV, BeautifulSoup, Scikit-learn, TensorFlow, Keras, Seaborn, NumPy, Matplotlib, Razor, Select2, NLTK, D-tale, Material UI

Tools/Platforms: GitHub, Azure, Postman, Android Studio, KNIME, Trello, Figma, Linux, Arduino, Multisim, Proteus, Unity Engine, MS Office, Jupyter NB

Soft Skills: Teamwork, Problem-solving, Documentation, Engaging Presentation, Leadership