Muhammad Taqi Mirza

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Student and Cyber Security Enthusiast

Profile

A diligent and proactive 17-year-old student with a strong background in Information Technology. Certified with the PCEP (Python Certified Entry-Level Programmer) and MCSA (Microsoft Certified Solutions Associate - Windows), my passion lies in the opposition to cyber crime.

Having completed CyberFirst courses with British Intelligence (GCHQ) in cybersecurity, built and secured my own home server, and conducted in-depth research on cybercrime for my Extended Project Qualification, I have developed a strong and practical foundation in cybersecurity and networking.

Additionally, I have hands-on experience with technologies such as Linux, and have an extensive background in programming through various projects.

Education

GCSE

King Edward VI Aston School
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📅 Sep 2019 — Jun 2024   📍 Birmingham, UK

A-Levels (In Progress)

King Edward VI Aston School
Computer Science, Mathematics, and Biology

📅 Sep 2024 — Jun 2026   📍 Birmingham, UK

Certifications

Microsoft Certified Solutions Associate (MCSA) - Windows

📅 Mar 2019   👤 Age 11

Python Certified Entry-Level Programmer (PCEP)

📅 Apr 2022   👤 Age 13

CyberFirst Defenders

A course offered by the National Cyber Security Centre (NCSC) to teach young people about the field of Cyber Security.

📅 Aug 2023   👤 Age 15

Skills

Problem Solving	●●●●○
Networking	●●○○○
Python	●●●○○
C#	●●○○○

Interests

- Run a club introducing students to various fields of computer science
- Participated in The Duke of Edinburgh's Silver Award
- Manage and secure a home server
- Develop network infrastructure
- Participating in coding competitions (Achieved Merit in Perse Team Coding Challenge)
- Participating in national competitions such as the British Informatics Olympiad and the British Algorithmic Olympiad

Projects

My Website

My personal blog site, created using the Hugo SSG framework and the Blowfish theme. It contains my personal blog containing my thoughts and ideas, along with details about my hobbies such as baking.

Mosque Website

A charity project for a mosque. Using WordPress, I created custom plugins and emails, while also integrating their current events and announcements.

Discord Chat bot

Using the Python programming language, I created a discord chat bot, which allowed for administrative tasks to be automated.

Home Server

Based on the Ubuntu distribution of Linux, my home server is a central hub hand-crafted by me to increase my productivity. Hosting tools such as a Network Attached Storage (NAS), a password manager, and a personal dashboard, this project has developed many skills such as networking, security hardening, and server administration.

Artificial Intelligence

Completed a 3-month course with a globally trusted education platform, teaching me essential AI techniques such as Natural Language Processing and Artificial Neural Networks.