

Talha Asher

LinkedIn — GitHub — 07598 437 339
Sutton Coldfield, Birmingham — Talha.Asher@Talhaasher.co.uk

Profile

Aspiring cybersecurity analyst with strong technical foundations in computer science and cloud platforms. Experienced in moderation, conflict resolution, and community safety. Certified in Microsoft Azure Fundamentals and Cisco Cybersecurity. Actively involved in cybersecurity forums, continually enhancing threat detection and analysis skills.

Education

BSc Computer Science (Predicted 2:1)

Coventry University, Coventry

Sept 2021 – Mar 2025

Key Modules: Programming & Algorithms, Database Systems, Advanced Algorithms, Operating Systems & Security, Data Science

Technical Projects

- **Jarvis-Style Conversational AI Assistant (Python, Ollama, LLM APIs)**
Demonstrated secure API use and prompt handling for real-time assistants.
- **AI-Powered Spam Email Detector (Python, XGBoost, Gmail API)**
Built detection logic based on suspicious content, sender patterns, and retraining.
- **Email Automation Classifier (Python, SQL)**
Managed email data securely using Gmail API and SQL logging.
- **SQL Data Analysis & Visualisation (Python, SQL)**
Created and visualized data insights from custom databases using Python libraries.
- **Penetration Testing Home Lab Setup (Kali Linux, Metasploit, Nmap, Python)**
Established virtual lab for vulnerability scanning, exploitation, and network defence using open-source tools. Automated testing with Python scripts to improve efficiency.

Experience

Teacher

Sept 2023 – Sept 2024

British Creative Institute, West Midlands

- Taught Adobe Photoshop to 10 students, covering essential tools, design workflows, and creative techniques.
- Developed lesson plans and provided one-on-one support to learners with mixed skill levels.
- Helped students build confidence and complete individual design projects.
- Strengthened communication and instructional skills through interactive teaching.

Cybersecurity Forums Member

MalwareTips, 0x00sec (Ongoing)

- Participate in discussions on threat detection, OSINT, exploit research, and ethical hacking.
- Stay updated with zero-day exploits, social engineering, and red team techniques.

Web Development Intern

Jul 2021 – Sept 2021

Makhdoom's UK Ltd, London

- Optimized HTML/CSS layout and UX flows, improving user retention by 20%.
- Contributed to site architecture and assisted in testing new features.

Skills & Certifications

Certificates: Microsoft Azure Fundamentals, Cisco Cybersecurity, Secure Coding (Boolean Coding Week)

Technical Skills: Python, SQL, API Integration, Threat Analysis Basics, Penetration Testing

Soft Skills: Conflict resolution, moderation, community safety, technical instruction