**Muhammad Dauood**

Computer Science Graduate | Cybersecurity Professional
Contact details upon request

**EDUCATION:**

**University of Bradford 2021 – 2024**

**Degree: Computer Science For Cyber Security – 2:1 (BSc)**

**BSc Computer Science for Cyber Security**

* ***Key Modules (3rd Year – current) –*** Final Year Project (73%); Cyber Security (66%); Mobile Application Development; Foundations of Cryptography; Principles of Security Technologies(64%).
* ***Key Modules (2nd Year) –*** Database Systems (70.5%); Data Structures and Algorithms (82.5%); Artificial Intelligence (70%); System Security Management (81%); Enterprise Pro (64%); Computer Communications and Networks (69%)

**WORK EXPERIENCE:**

**FDM Group Jan 2025 – Aug 2025**

* **Project Management & IT Service Operations -** Gained hands-on experience with Agile methodologies including sprint planning, daily standups, and retrospectives, while developing understanding of ITIL frameworks for incident management, problem resolution, and change management processes critical for maintaining enterprise system reliability.
* **System Administration & Programming -** Built strong foundation in both Linux and Windows OS administration, including command-line operations, Active Directory management, PowerShell and shell scripting for automated tasks. Advanced Python development skills for automation, data analysis, and cybersecurity applications, alongside SQL database management with complex queries and performance optimization.
* **Cybersecurity & Emerging Technologies -** Developed practical cybersecurity skills including threat analysis, vulnerability assessment, incident response procedures, and SIEM tools usage. Explored AI applications in cybersecurity and cloud computing platforms, gaining understanding of cloud security models and AI-driven threat detection systems.

**Local Taxi Company 2022 – 2025**

**Taxi Operator.**

* Working in a two-person team to handle more than 100 calls per day to book taxis and potential jobs.  My ability to communicate and solve problems has improved as a result.
* Attending work a few days a week resulted in an improvement in my capacity to fulfil deadlines and engage with my management and colleagues.

**PwC’s Virtual Insight Week (Cyber Security) May 2020**

* Learned a lot about PwC's workplace and culture and got to see what it's like to work at PwC and in the field of cyber security first-hand. Learned about the company's efforts to expand beyond cyber security by emphasising the value of mental health, effects on local and global communities, and other topics.
* Being made aware specifically about the rapidly evolving world of cyber threats, how businesses are adapting to it with new technologies, and how to better inform employees about the new risks and the effects of poor security policies globally.
* Received a certificate for participating at the event.

**Matrix Challenge Final (Cyber Security) July 2018**

* Participated in several online computer science games, and the scores were tallied based on how well I did in each game. As a result, I was one of the 1800 individuals selected from West Yorkshire to attend an event in Leeds.
* This experience enhanced my knowledge of computer science and problem-solving skills whilst giving me new perspective on the field's application to cyber security. From this event,I met and spoke to various industry leaders from companies such as the FBI, BAE Systems and more. I also received a credential and a significant of knowledge about cyber security in practice.

**TECHNICAL AND SOFTWARE SKILLS:**

* **Programming Languages:** Python (automation, data analysis, cybersecurity applications), Java (including JUnit testing framework), JavaScript, HTML, CSS, JQuery
* **Database Management:** SQL query optimization, MySQL administration, database design principles, stored procedures, PhpMyAdmin
* **System Administration:** Linux command-line operations and shell scripting, Windows Server environments, Active Directory management, PowerShell automation, system monitoring and configuration
* **Cybersecurity Tools & Practices:** Vulnerability assessment, threat analysis, incident response procedures, SIEM (Security Information and Event Management), penetration testing methodologies, SQL injection and cross-site scripting analysis
* **Development & Project Management:** Agile methodologies, ITIL frameworks, version control, IDE proficiency (VSCode, NetBeans), Microsoft Office Suite (Word, Excel, PowerPoint)
* **Cloud & Emerging Technologies:** Cloud security models, AI-driven threat detection systems, virtual machine environments (Oracle VM VirtualBox)

**UNIVERSITY PROJECTS:**

***Final Year Project (3rd Year – 1st & 2nd Sem) –* Analysis, Design, Coding, Testing, Reporting.**

* Completed a dissertation focused on evaluating antivirus effectiveness against malware threats.
* Developed a secure virtual machine environment using Oracle VM VirtualBox to conduct testing.
* Created detailed documentation outlining software requirements, design approaches, and setup instructions for the virtual machine.
* Implemented logging systems to record malware detection activities ensuring thorough auditing and analysis capabilities.
* Ensure compatibility with various antivirus software solutions and established a network-isolated environment to prevent malware spread.
* Adhered to legal standards and ethical practices, incorporating measures to prevent unintentional malware release.
* Successfully completed the project ahead of schedule, demonstrating effective problem-skills and technical proficiency.
* Managed to submit a high grade of work on time which gave me a first in the overall module. (73%)

**AWARDS AND SKILLS:**

* **Awards –** Duke of York Digital Enterprise Award (Bronze), Cyber Discovery Certificate, Matrix Challenge Finalist, Google Code-in Digital Certificate.
* **Time Management & Self-Direction** **–** I effectively balance multiple responsibilities, maintaining strong academic performance while working part-time at the taxi company, and I completed my dissertation early through disciplined self-management and planning.
* **Technical Communication –** I effectively translate complex technical concepts into clear documentation and explanations, as demonstrated through my detailed project documentation and strong academic performance in technical subjects.
* **Client Service & Stakeholder Management –** I excel in high-pressure customer-facing roles, successfully managing over 100 calls per day at the taxi company while maintaining service quality and building positive relationships with clients and colleagues.
* **Adaptability & Continuous Learning –** I quickly adapt to new environments and technologies, as shown by my smooth transition from academic study to professional training at FDM Group, where I rapidly acquired skills across Python, cloud security, and diverse cybersecurity tools while staying current with evolving industry threats.

**REFEREES:**

Professional references available upon request.

For any inquiries please contact me over on LinkedIn: <https://www.linkedin.com/in/mdauood/>