Shaun Walker TMIET

Entry-Level Cybersecurity Engineer

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☰ Summary

Results-driven professional with over 8 years of experience in the Aeronautical & Defence Industry and a years' experience in software development. Striving for a career change and the ability to leverage strong problem-solving and data analysis skills. Proven ability to manage projects, collaborate effectively, and thrive in fast-paced environments. Eager to learn and contribute to a team focused on developing and maintaining high-performance systems.

⚒ Technical Skills

- **Cybersecurity Fundamentals:** Python programming, software development (Python and HTML), and Linux.
- **Project Management and Leadership:** Project management, team leadership, cross-functional collaboration.
- **Analytical and Problem Solving:** Critical thinking, fault diagnosis, safety and risk management, Innovative thinking.
- **Documentation and Compliance:** Documentation processes, compliance with health and safety standards.
- **Interpersonal Skills:** Interpersonal communication, training and mentoring, crisis management.

💼 Professional Experience

Entry-Level Cybersecurity Professional | Defence Cyber Academy, Ministry of Defence

Jan 24 – Present

As a young man, my interest in computers led me to experiment with setting up a proxy server for the game "RuneScape". As I continued to explore computing, predominantly on Windows systems, I developed a deep understanding of the Windows command line, which enabled me to resolve various technical issues efficiently. I have often assisted relatives in fixing 'broken' or 'unpatched' files, showcasing my ability to troubleshoot and resolve problems effectively.

Since joining the Cyber Foundation Pathway at the Defence Academy, Shrivenham, I have honed and consolidated my skills in several key areas. My most confident competencies include:

- **Network Traffic Analysis:** Have an understanding in how to utilise Wireshark to capture, analyse, and troubleshoot network traffic for potential security threats. Scanned my home network using Nmap to build a picture of the type of network traffic in my home.
- **Linux Command Line:** Possess a basic understanding of the Linux command line, enabling relatively efficient navigation, file management, and system configuration tasks.
- **Web Application Security:** Utilised HTML/CSS/JS to build a very basic website for a start-up business, demonstrating elementary web technologies and potential vulnerabilities.
- **Scripting for Automation:** Leveraged basic Python scripting to automate repetitive tasks, showcasing problem-solving skills and an aptitude for streamlining processes (finance management script).

- **Research and Learning:** Highly motivated to stay updated on the evolving cybersecurity landscape through continuous learning and research. Eager to learn best practices in cybersecurity and contribute to user awareness initiatives.

Education

- Certificate of Higher Education (CertHE) in Aeronautical Engineering (Avionics)
- ILM Level 4 Leadership and Management
- GCSE Mathematics

Professional qualifications

- Level 5 Award Managing Equality, Diversity and Inclusion
- Mathematics Functional Skills Level 2
- English Functional Skills Level 2
- Cyber Ops | Cybersecurity Foundation Course
- Managing Safely (IOSH)

Further Development

- **Cybersecurity Education:** Actively learning about cybersecurity through online courses (Immersive Labs), books, and self-study to gain a solid foundation in the field.
- **Technical Skills Development:** Continuous development of skills in Python programming, HTML and AWS cloud computing (Code Institute, Codecadamy, Udemy).
- **Professional Growth:** Pursuing a MSc in Cyber Defence Assurance and Information and Level 5 Award in TRiM Management. Currently undertaking Python programming and website development schemes.
- **Practical Experience:** Seeking opportunities to collaborate with cybersecurity professionals and participate in cybersecurity-related projects (Cyber Marvel/Hackathon events).
- **Agile management:** Currently enrolled in an ILX Agile Project Management course (APM PMQ).