

Joshua Glasgow

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Website: <https://dragonnebula.org> (Work in progress)

Professional Profile

Recent Weltec graduate with a Bachelor's in Information Technology, majoring in Cyber Security, with hands-on experience in penetration testing, Linux, incident response, and virtualised lab environments. Completed a Capstone Project awarded 95% (A+) focused on integrating Llama 3 into automated security workflows. Seeking a cybersecurity or IT role where I can apply and continue developing my technical skills.

Skills Summary

- Independent researcher with strong problem-solving and fast learning ability
 - Foundational knowledge of penetration testing, incident response, Linux, and virtualisation
 - Strong written and verbal communication skills
 - Able to work independently and collaboratively in team environments
 - Strong time management, organisation, and task planning
 - Professional, reliable, and committed to high standards of integrity
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Work Experience

Security Concierge – First Security

Oct 2021 – Present - Support customers and enforce safety and compliance at a high-security data centre. Provide relief coverage across multiple sites, adapting quickly to new environments. Work collaboratively with teams and clients to maintain smooth operations.

Security Guard – ArmourGuard

Dec 2019 – Jan 2021 - Ensured safety and customer experience in a busy public space. Acted as primary contact for car park operations during peak periods. Supported and coordinated casual guards when required. Handled potentially volatile situations professionally and used de-escalation skills to support a safe environment.

Crew Trainer – McDonald's

Jun 2016 – Mar 2019 - Trained new staff in kitchen operations, workplace procedures and safety standards. Provided reliable support during peak hours. Trusted trainer responsible for developing team capability.

Education

Weltec (2022 – 2025)

Bachelor of Information Technology – major in Cyber Security - Courses: Penetration Testing, Digital Forensics, Incident Response, Linux Administration, Network Security. - Capstone: Integrated Llama 3 with Python, Nmap, and virtualised environments for automated analysis.

Level 5 Certificate in IT Technical Support

Hands-on experience with troubleshooting, system maintenance, and hardware/software configuration.

Level 4 Certificate in IT Essentials

Foundational knowledge of hardware, software, networking, and IT operations.

Technical Skills

Operating Systems & Virtualisation

- Linux (multiple distributions), Windows
- Oracle VirtualBox, multi-VM networking

Cybersecurity Tools

- Nmap, Metasploit, Kali Linux, Wireshark, PuTTY, WinSCP, MSF console
- Digital forensics and incident response fundamentals

Programming

- Python 3, C#, C++

AI & Automation

- Llama 3 integration with Python and security tools
- Experience using Copilot and ChatGPT to support development workflows

Software

- Microsoft Office, LaTeX, Pandoc, MS SQL Server, GameMaker Studio, WordPress
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Projects

Capstone Project

Developed a system using Nmap, Llama 3 through Ollama, Python, LaTeX, and Pandoc to support automated security workflows. The system collected port information from an internal network, used Llama 3 to identify known vulnerabilities, retrieved relevant information from a local cache or online sources, and formatted the findings into a Markdown file. Scripts then converted the output into a report suitable for executive meetings and decision-making.

Virtualised Vulnerable Server Testing

Built isolated home lab environments using Oracle VirtualBox for cybersecurity coursework and practical testing. Created a penetration testing lab using an Ubuntu Server running Metasploit 2 in Docker, with Kali Linux as the attacking system, while maintaining a strong focus on safe testing practices.

Website Development

Developed and maintained a personal website using WordPress, with a Cloudflare-managed domain. Used Copilot to support development and content planning.

Interests

I enjoy trading card games, cooperative gaming, music, and literary podcasts exploring books and mythology.

References

Available Upon Request