Crystal Mercier

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Information Technology graduate that is passionate about Cybersecurity with strong knowledge of current security threats, techniques, and landscape and a dedicated and self-driven desire to research and learn more about the information security landscape. Experience as an Independent Security Researcher, utilizing OWASP Top 10 to perform vulnerability assessments of various internet-facing web applications. Looking to obtain an entry-level position where I can bring my problem solving and critical thinking skills while continuing to grow and develop professionally.

Skills

Log analysis, incident handling, malware analysis and endpoint analysis with practical training from the LetsDefend professional working SOC environment.

Knowledge of industry-recognized frameworks such as NIST Risk Management Framework, Cyber Kill Chain, and MITRE ATT&CK.

Experience working with Virtualization to run a Pentesting lab with Kali Linux as well as creating a full active directory home lab to test on.

Utilized MITRE ATT&CK to simulate adversary tactics and techniques on ThreatGEN: Red vs. Blue game-based cybersecurity simulation.

Professional Experience

02/2022 – present

Independent Security Researcher
- Participated in various bug bounty programs to find vulnerabilities affecting companies.
- Documenting findings in reports and working with teams on remediation.

Education

08/2017
Melbourne, Australia

B. Information Technology, *RMIT University*
- Preformed a risk analysis against a fictional medium-sized business where I took part in writing a risk assessment report identifying assets, potential threats, vulnerabilities, and controls as well as quantitative risk analysis and qualitative risk analysis.

Certificates

- CompTIA Security+

Projects

03/2021 – present

TryHackMe
- Completed learning paths such as Jr Penetration Tester and CompTIA Pentest+ which taught me the practical skills to perform security assessments against web applications and enterprise infrastructure. Actively utilized industry-standard penetration testing tools to identify and exploit different network services in simulated labs.
- Utilizing the Recent Threats module to get hands-on experience identifying, exploiting, and mitigating the latest industry threats.