Travis Lee

Offensive Security Specialist

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Professional Summary

A proactive cybersecurity professional with a focus on offensive security measures, including penetration testing, vulnerability assessments, and ethical hacking. Certified in foundational cybersecurity principles with hands-on experience using Linux, Python, SQL, and SIEM tools to identify and mitigate threats. Skilled in exploiting vulnerabilities, analyzing attack surfaces, and employing security strategies to strengthen network defenses. Transitioning from a background in compliance, safety protocols, and data analysis, I bring a unique perspective to offensive security by applying regulatory expertise and strategic problem-solving. Committed to ensuring robust digital security through offensive security techniques.

Key Skills

Technical Skills:

- Penetration Testing Tools: Nmap, Wireshark, Metasploit (in progress via Hack The Box)
- Operating Systems: Linux (Bash, CLI navigation), Windows
- Programming & Scripting: Python (for scripting and automation), SQL (for database management and queries)
- Security Tools: SIEM (Security Information and Event Management), Intrusion Detection Systems (IDS/NIDS)
- Networking: Network security fundamentals, TCP/IP, and system hardening techniques
- Vulnerability Assessment: Understanding of attack surfaces, risk mitigation, and threat modeling

Transferable Skills:

- Regulatory Compliance: Experience developing and enforcing compliance protocols, transferable to cybersecurity policy enforcement.
- Risk Management: Expertise in identifying risks and implementing measures, valuable for vulnerability assessments and mitigation.
- **Leadership & Teamwork**: Led teams in professional and humanitarian settings, critical in collaborative offensive security projects.
- Problem Solving & Analysis: Strong analytical skills applied to performance data, similar to analyzing security incidents and improving defenses.
- **Communication**: Proficient in explaining complex issues to non-technical stakeholders, essential for security reporting.

Cybersecurity Projects

Penetration Testing Lab – Hack The Box (September 2024 – Present)

- Engaged in Capture the Flag (CTF) challenges, learning offensive security techniques and gaining hands-on experience in system exploitation.
- Completed CTFs:
 - Meow: Gained experience with fundamental enumeration and initial privilege escalation techniques.
 - Fawn: Developed a foundational understanding of basic network scanning and vulnerability identification using tools like Nmap.
- Learning and utilizing critical security tools such as:
 - Nmap for network scanning and port discovery.
 - Wireshark for network traffic analysis and packet inspection.
 - Metasploit for exploiting vulnerabilities.
- Building proficiency in Linux environments and utilizing command-line interfaces to navigate and manipulate systems.

Professional Experience

Search Consultant, GPAC – Port Neches, Texas (March 2024 – June 2024)

- Conducted in-depth analysis of data to identify key talent, applying research methodologies that can be adapted to vulnerability assessments.
- Collaborated with teams to develop tailored strategies, similar to creating targeted offensive security strategies for specific systems and networks.
- Negotiated and implemented best practices, which align with establishing best practices in penetration testing and system hardening.

Environmental Health Safety Specialist, Dollar Tree Stores – Houston, Texas (January 2023 – March 2024)

- Developed and implemented safety protocols, a skill transferable to developing cybersecurity policies and ensuring network security compliance.
- Ensured adherence to compliance standards, akin to maintaining cybersecurity compliance with regulations like NIST or ISO.
- Conducted risk assessments and inspections, similar to vulnerability assessments in network security to identify and mitigate potential threats.

Store Manager, CVS Pharmacy – Beaumont, Texas (December 2021 – February 2023)

- Led data-driven initiatives to improve store performance, paralleling the analysis of network performance and identifying vulnerabilities.
- Implemented operational strategies to enhance efficiency, similar to optimizing system security and penetration testing protocols.
- Developed protocols that ensured compliance with safety regulations, aligning with offensive security strategies aimed at finding and patching security gaps.

Relationship Banker, Huntington National Bank – East Lansing, Michigan (September 2016 – December 2018)

- Managed sensitive customer data and ensured secure transactions, translating to protecting sensitive information from cyber threats.
- Used CRM systems to improve data integrity, akin to managing network security and access controls.

• Developed targeted strategies for customer segmentation, similar to identifying targeted penetration testing strategies.

Humanitarian Experience

Humanitarian Volunteer, Adventures in Missions (January 2014 – December 2014)

- Traveled to 12 different countries across Central America, Southeast Asia, and Eastern Africa to serve local communities.
- Led a team of 20+ individuals in various projects, demonstrating leadership and collaboration skills in dynamic environments.
- Engaged in diverse tasks, from teaching English in orphanages to building water well systems, showcasing problem-solving abilities under challenging conditions.
- Developed global awareness and empathy, contributing to a security mindset focused on protecting vulnerable systems and populations.

Education & Certifications

• Google Cybersecurity Certificate

August 2024 – September 2024

Completed an 8-course training program covering core cybersecurity concepts, hands-on experience with security tools, and foundational knowledge of:

- Penetration Testing & Vulnerability Assessments
- Network Security (including system hardening and securing networks from intrusion tactics)
- SIEM Tools, Linux, and Python
- Risk Management & Regulatory Compliance
- Practical applications of security frameworks and controls to protect business operations.

Bachelor of Science in Psychology

Liberty University, Lynchburg, VA January 2013 – May 2018