Daniel (Joo Hyung) Lee

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Summary

A 2023 cybersecurity university graduate with a passion for incident response, vulnerability assessment, analytics, and mitigating threats. Seeking a full-time position as an entry-level security analyst, engineer, or administrator.

Education & Certifications

Bachelor of Science (B.S.) Computing and Security Technology Graduated: June 2023
Drexel University, Philadelphia, PA GPA: 3.66
Relevant Coursework: Network Security, Access Control and Intrusion Detection Technology, Applied Cryptography, Disaster Recovery and Continuity Planning, Information Technology Security Systems Audits

CompTIA Security+ Acquired: December 2023
SY0-601

SOC Analyst Level 1 Certification Acquired: April 2024
TryHackMe

Skills

Security	Snort, Splunk, Wireshark, pfSense, Wazuh, John the Ripper
Programming	Python, C, SQL, HTML, JavaScript
Operating Systems	UNIX/Linux, Windows 10, MacOS
Tools & Technologies	VMware Workstation, Docker, Bash, AWS, tcpdump, Jira, Git, Flask, Tableau

Professional Experience

Comcast Corporation — Data Analytics Analyst Intern September 2021 - March 2022
Philadelphia, PA

- Constructed stored procedures in SQL to extract and analyze substantial data volumes, identifying changes up to 20%.
- Enhanced analytical cheat sheets, demonstrating Comcast and NBCU's DE&I progress from 1% to 15%.
- Developed a comprehensive catalog, organizing data for over 100 tables based on relationships, origin, format, and location.

Skills4Industry — Database Engineer Intern October 2020 - March 2021
Washington, DC

- Implemented container virtualization through QNAP NAS system setup for enhanced efficiency.
- Produced comprehensive training documents showcasing proficiency in soft skills and technology-based business concepts.

Comcast Corporation — Data Analyst Intern October 2019 - March 2020
Philadelphia, PA

- Extracted and transformed large-scale stored procedures using SQL to Tableau reports for effective data visualization.
- Contributed to QA testing and front-end UI design for internal applications, monitoring field technicians' assignments.
- Managed Jira tickets to track field technicians' performance, highlighting metric changes on a bi-weekly basis.

Selected Projects

Network Security Home Lab

- Set up virtual machines and studied intrusion detection, log analysis, and network monitoring with tools including Snort, Splunk, and Wireshark.
- Simulated security scenarios to refine incident response and threat mitigation skills, applying learned techniques to identify and address potential threats, such as deploying honeypots and capturing traffic with tcpdump to analyze with Wireshark.
- Crafted a dynamic blog-style website showcasing home lab projects, alongside the latest news and updates in the security realm, fostering engagement within online communities and offering solutions to troubleshoot challenges.

PortSploit Senior Project

- Developed an innovative reconnaissance tool that employs a query-driven approach, streamlining information for efficient reconnaissance and threat identification up to 200%.
- Utilized the Flask framework and CSV manipulation techniques to integrate port vulnerability data from Speedguide.net with the Shodan API, resulting in a robust web-based user interface that presents organized information effectively.

sentryPY: Python-based Security Log Analyzer

- Developed a robust tool capable of parsing text files containing security logs/events, extracting relevant information such as timestamps, IP addresses, and event types.
- Implemented the tool as a custom Docker image, allowing seamless deployment across different environments while maintaining consistency and facilitating scalability.