

Daniel (Joo Hyung) Lee

(347)-308-3303 | jhyunglee.cs@gmail.com | jhyungleecs.com | [LinkedIn](#)

Summary

A 2023 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

Drexel University

Bachelor of Science - Computing and Security Technology

Graduated: June 2023

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

Skills

Security Software

Snort, Splunk, pfSense, Wireshark

Networking

TCP/IP, VPN, Firewall Management

Programming

Python, C, SQL, Bash, HTML, JavaScript

Operating Systems & Tools

Linux, Windows, VMware, Docker, AWS, tcpdump, Jira, Tableau

Professional Experience

NYKEC

March 2024 - Present

Network/IT Support Technician Volunteer

- Assisted with network setup, system maintenance, and support for audio/video and CCTV equipment, troubleshooting hardware, software, and networking issues for end-users at local church.
- Installed a wireless access point, improving network connectivity and performance for over 50 users.
- Acquired valuable experience in the church's network topology and technology infrastructure using Ubiquiti UniFi equipment.

Comcast Corporation

October 2019 - March 2022

Data Analyst Intern

- Constructed stored procedures in SQL to extract and analyze big data volumes, and created Tableau reports for effective data visualization.
- Resolved over 30 Jira tickets dealing with python and sql scripting.
- Designed and implemented a comprehensive data organization system, structuring vocabulary for internal applications and reports into columns and tables, enhancing data accessibility and usability.
- Collaborated with colleagues in QA testing and front-end UI design for internal applications, monitoring field technicians' assignments.

Projects

VMware Virtual Home Lab

- Configured a virtualized homelab network to simulate an environment for hands-on practice with security tools and techniques.
- Implemented Pfsense to improve firewall and packet filtering for network traffic on my home network and virtual environment.
- Simulated security scenarios using Snort IDS to detect and log network traffic based on custom rules, then analyzed the data through a Splunk dashboard to identify and respond to potential threats.

Cybersecurity Website Blog Portfolio

- Curated a dynamic blog to showcase 25 and counting home lab projects and articles, sharing the latest cybersecurity news, popular attacks, networking, and security practices to educate and inform readers.

PortSploit - a port scanning reconnaissance tool

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

Automated Machine Monitoring Tracker

- Built an automated tool to ping and verify the status of 8 virtual machines, ensuring continuous uptime and availability.
- Integrated email and Discord notifications to provide real-time alerts for unresponsive VMs, enhancing prompt issue detection and resolution.