

# 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 or security consultant.

## Education & Certifications

<b>Bachelor of Science (B.S.) Computing and Security Technology</b> <i>Drexel University, Philadelphia, PA</i>	Graduated: June 2023 GPA: 3.66
<b>CompTIA Security+</b> <i>SY0-601</i>	Acquired: December 2023

## Skills

<b>Security</b>	Snort, Splunk, Wireshark, Wazuh
<b>Programming</b>	Python, SQL, HTML, JavaScript
<b>Operating Systems</b>	Linux (Ubuntu, Kali, Metasploitable 2), Windows 10, MacOS
<b>Tools &amp; Technologies</b>	VMware Workstation, Terminal, Git, Flask, Docker, Tableau

## Professional Experience

<b>Comcast Corporation — Data Analytics Analyst Intern</b> <i>Philadelphia, PA</i>	September 2021 - March 2022
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- 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 20 tables based on relationships, origin, format, and location.

<b>Skills4Industry — Database Engineer Intern</b> <i>Washington, DC</i>	October 2020 - March 2021
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- Implemented container virtualization through QNAP NAS system setup for enhanced efficiency.
- Offered constructive critiques and evaluation to fellow interns' web applications using customer feedback.
- Produced comprehensive training documents showcasing proficiency in soft skills and technology-based business concepts.

<b>Comcast Corporation — Data Analyst Intern</b> <i>Philadelphia, PA</i>	October 2019 - March 2020
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- Extracted and transformed large-scale stored procedures using SQL to Tableau reports for effective data visualization.
- Supervised technicians/executive staff by generating weekly reports, highlighting key performance metric changes up to 15%.
- Contributed to QA testing and front-end UI design for internal applications, monitoring field technicians' assignments.

## Project Experience

**PortSploit Senior Project** — <https://senior-project-drexel.web.app/projects/46>

- Led the development of PortSploit, an innovative reconnaissance tool that consolidates information simplifying the process of reconnaissance, and threat identification.
- Leveraged Flask framework to design and implement a robust web-based user interface that simplifies user interaction and displays consolidated organization data.
- Utilized CSV manipulation techniques to seamlessly merge port vulnerability information from SpeedGuide.net's local database with data sourced from the Shodan API.

## HomeLab

- Setup virtual machines and utilized Snort, Splunk, and Wireshark. Studied intrusion detection, log analysis, and network monitoring.
- Simulated security scenarios to refine incident response and threat mitigation skills, applying learned techniques to identify and address potential threats.
- Engaged online communities to address challenges and troubleshooting issues.
- Curated a blog-style website documenting home lab projects and labs, sharing insights with the cybersecurity community.