



**Junior Cyber Security Engineer**

**Spencer Nash**

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## STRENGTHS

### **Alert Investigation**

During multi-day exercises, correlated logs with host evidence before escalation. That extra check made findings clearer and earned reviewer confidence.

### **Incident Response**

Built playbooks after recurring lab scenarios exposed gaps. Each version gave peers a calmer path from alert triage through recovery.

### **Technical Reporting**

Presented metrics and root-cause findings to faculty reviewers. Clear notes helped others follow decisions without chasing missing context.

### **Detection Tuning**

Adjusted rules for PowerShell, phishing, and malware activity. False-positive rationale became part of a cleaner review process.

### **Independent Prioritization**

Balanced scripts, investigations, and documentation across a 40-system lab. Consistent records kept competing tasks moving without close supervision.

## SKILLS

- SIEM
- Splunk
- Elastic
- Incident response
- Cyber Kill Chain
- MITRE ATT&CK
- Python scripting
- PowerShell scripting
- Threat detection tuning
- Log correlation
- Risk assessments
- Security audits
- Network monitoring
- Windows artifacts
- Linux artifacts

## LANGUAGES

English  
Native



Spanish  
Intermediate



## MY CAREER

Y&G

- Junior Cyber Security Engineer, Supervised Lab Researcher at University Cyber Defense Lab (11 Months)
- Cyber Security Analyst, University Capstone Team at Cybersecurity Capstone Project (8 Months)

## SUMMARY

Early-career cybersecurity professional with two years of supervised university lab and capstone work protecting simulated enterprise networks, validating SIEM alerts, and documenting incident response activity. U.S. Citizen holding active Top Secret/SCI clearance with Polygraph, backed by a Bachelor of Science in Cybersecurity. Practical work spans Splunk, Elastic, Windows and Linux artifacts, Python, PowerShell, network protocols, threat detection, and security operations workflows. Built playbooks for phishing, malware, and unauthorized-access scenarios using Cyber Kill Chain and MITRE ATT&CK concepts. Produced risk assessments, dashboards, root-cause findings, and remediation recommendations for faculty reviewers and government-focused sponsors. Ready to support mission-critical systems through disciplined analysis, clear reporting, careful escalation, and collaborative incident response.

## EDUCATION

Bachelor's Degree in Cybersecurity

2026

DePaul University GPA: 3.8

Chicago, IL

*Coursework: Incident Response, Network Security, Digital Forensics, Security Operations*

## TECHNICAL SKILLS

- **SIEM Platforms:** Splunk, Elastic, SIEM correlation
- **Endpoint Security:** EDR, XDR, endpoint telemetry
- **Operating Systems:** Windows, Linux, system artifacts
- **Scripting Languages:** Python, PowerShell, log parsing
- **Incident Response:** Alert triage, containment, recovery
- **Threat Frameworks:** MITRE ATT&CK, Cyber Kill Chain, attack lifecycle
- **Network Services:** DNS, DHCP, HTTP
- **Network Infrastructure:** Routing, switching, VPNs
- **Security Appliances:** Firewalls, proxies, load balancers
- **Detection Engineering:** Threat alerts, signatures, false-positive tuning
- **Security Documentation:** SOPs, playbooks, incident reports
- **Risk and Compliance:** Risk assessments, security audits, audit records

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- Network monitoring
  - Windows artifacts
  - Linux artifacts

## EXPERIENCE

### Junior Cyber Security Engineer, Supervised Lab Researcher

September 2025 - August 2026

University Cyber Defense Lab

*Chicago, IL*

Supported supervised security operations research across simulated Windows and Linux enterprise networks. Monitored SIEM dashboards, investigated alerts, prepared playbooks, and presented findings for faculty review. Work strengthened repeatable incident handling, audit support, and remediation decisions across a 40-system lab environment.

- Correlated Splunk and Elastic events across Windows, Linux, DNS, firewall, and endpoint sources during exercises.
- Validated phishing, malware, and unauthorized-access alerts with host artifacts, packet captures, and user timelines.
- Applied Cyber Kill Chain and ATT&CK techniques to classify behavior and prioritize containment decisions.
- Authored incident-response playbooks covering triage, evidence preservation, notification, recovery checks, and post-incident records.
- Used Python and PowerShell to normalize logs, extract indicators, and prepare repeatable investigation summaries.
- Presented security metrics, root-cause findings, and remediation recommendations during weekly faculty review sessions.
- Maintained audit-ready records supporting risk assessments, security audits, and incident documentation requirements.

### Cyber Security Analyst, University Capstone Team

September 2024 - May 2025

Cybersecurity Capstone Project

*Chicago, IL*

Contributed to a supervised capstone focused on monitored enterprise-network security. Built prototype integrations, tuned detections, assessed risk, and documented ransomware response. Delivered dashboards and briefings that demonstrated evidence handling, escalation logic, and recovery planning for simulated incidents.

- Designed an enterprise prototype with routing, switching, DNS, DHCP, HTTP, VPN, and firewall components.
- Integrated Elastic SIEM with Windows events, Linux syslog, firewall records, and endpoint telemetry sources.

- Tuned detections for credential misuse, PowerShell execution, phishing redirects, and malware persistence scenarios.
- Ranked application, system, and network risks by likelihood, impact, and recoverability during structured assessments.
- Investigated simulated ransomware from initial alert through containment and recovery using ATT&CK mapping.
- Performed root-cause analysis and documented remediation recommendations within a written response plan.
- Delivered a dashboard, incident report, and technical briefing to a four-member faculty panel.

## PROJECTS

### Enterprise Threat Detection Lab

2026

Built a monitored enterprise environment that turned abstract security lessons into practical alert investigations. Combined Elastic ingestion, endpoint telemetry, network services, and detection tuning across simulated incidents. The work produced clearer escalation logic and stronger confidence during response exercises.

### Ransomware Response Playbook

2025

A simulated ransomware event became a useful test of calm, orderly response. Mapped attacker behavior with ATT&CK, preserved evidence, traced root cause, and documented containment and recovery steps for future analysts.

## LEADERSHIP & AWARDS

- Dean's List, DePaul University, Fall 2024 and Spring 2025
- Best Incident Analysis, University Cyber Defense Showcase, 2025
- Cybersecurity Capstone Excellence Award, DePaul University, 2026

## CERTIFICATIONS

- Splunk Fundamentals 1 2026
- Cybersecurity Essentials 2025
- Python for Everybody 2025
- Active Top Secret/SCI with Polygraph 2026

## PROFESSIONAL AFFILIATIONS

- Student Analyst, DePaul Cyber Defense Club, 2024 - 2026
- Peer Facilitator, University Security Operations Study Group, 2025 - 2026
- Volunteer Presenter, Chicago Collegiate Cyber Awareness Workshop, 2025

## LANGUAGES

- English (Native)
- Spanish (Intermediate)

## **ADDITIONAL INFORMATION**

**Work Status** : Authorized to work in United States. No sponsorship required.

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## **REFERENCES**

AVAILABLE ON REQUEST