

Paul M. Kerlin

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EDUCATION

The Pennsylvania State University, University Park, PA

Information Sciences and Technology

B.S., Cybersecurity Analytics and Operations

Expected May 2026

GPA: 3.95 - Dean's List

CERTIFICATIONS & COURSES

- CompTIA Security+ (SY0-701)
- LinkedIn Learning Cryptography and Network Security
- LinkedIn Learning Linux Command Line
- IBM Practical Introduction to Quantum-Safe Cryptography

RELEVANT COURSEWORK

Malware Analytics, Cyber Defense Studio, Cyber Incident Handling and Response, Overview of Information Security, Network and Telecommunications, Statistics of Security Risk and Analysis, Object Oriented Java Programming, Programming for the Web, Intro to Cybersecurity, Intro to Security Risk and Analysis, Organization of Information (Databases), Threat of Terrorism and Crime

TECHNICAL PROJECTS

Individual, Penn State Log Analysis with RSYSLOG

- Configured RSYSLOG server for centralized logging, receiving logs from FreeBSD, Linux, and Windows.
- Implemented log forwarding, rotation, and filtering for efficient log management.
- Demonstrated proficiency in Unix/Linux command line and basic networking concepts.

Individual, Penn State Network Segmentation

- Implemented and configured a network infrastructure, including IP addressing, VLAN segmentation, and wireless access points in a sandbox environment using Cisco Packet Tracer.
- Proficiently managed VLANs and access points to optimize network performance and security.
- Developed skills in network administration, troubleshooting, and wireless device integration.

TECHNICAL SKILLS

- | | | |
|--------------------------|--------------|--------------------|
| ▪ Linux (Kali & Ubuntu) | ▪ Wireshark | ▪ Active Directory |
| ▪ Command Line Interface | ▪ SQL | ▪ PowerShell |
| ▪ Splunk | ▪ OSSEC | ▪ MacOS & Windows |
| ▪ Metasploit | ▪ Java | ▪ Microsoft Office |
| ▪ Suricata/Snort | ▪ HTML & CSS | ▪ Network Security |

WORK EXPERIENCE

The Whiting-Turner Contracting Company – Information Technology Intern

May 2024 - August 2024

- Undertook a diverse array of IT responsibilities like imaging computers, applying security agents and patches, working on, updating, and resolving tickets, helping manage Active Directory (AD) through Windows PowerShell, managing hardware for onboarding/offboarding employees, and assisting employees resolve various IT issues and complications.

Cattail Country Club - Outside Service Attendant

May 2023 - August 2024

- Managed golf facilities for clientele by maintaining golf carts and preparing equipment for large tournaments.
- Assisted other staff members when challenges arose with clients to reach an effective resolution.

O'Leary Asphalt, Inc. - Snow Removal Crew Manager

November 2020 - February 2022

- Led a snow removal crew that serviced and maintained a large townhouse complex to ensure residents could navigate safely.
- Helped cultivate morale of the crew by providing leadership and encouragement for the team when conditions became challenging.

Arbor Landscapers, Inc. - Website Developer

July - October 2020

- Developed a small-scale website for Arbor Landscapers, Inc to efficiently manage all administration data, such as contacts, job information, pricing, and inventory.
- Created a platform by using HTML and CSS to organize data to meet client's requirements.

ACTIVITIES & AFFILIATIONS

Alpha Tau Omega Fraternity, *Member*

March 2023 - Present

Cyber Certification Club, *Member*

September 2022 - Present

Competitive Cyber Security Organization, *Member*

September 2022 - Present

Alpha Tau Omega THON Operations Committee, *Member*

October 2023 - Present

Penn State Club Lacrosse, *Member*

September 2022 - January 2024