

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: 3.93 - Dean's List

RELEVANT COURSEWORK

Cyber Defense Studio, Overview of Information Security, Network and Telecommunications, 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, LinkedIn Learning: CompTIA Security+ (SY0-601) Cert Prep, LinkedIn Learning: Linux Command Line

RELEVANT 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.
- Set up Logwatch for automated analysis and Fail2Ban for enhanced security measures.
- 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) | ▪ Suricata/Snort | ▪ Java |
| ▪ Command Line Interface | ▪ Wireshark | ▪ HTML & CSS |
| ▪ Splunk | ▪ SQL | ▪ Microsoft Office |
| ▪ Metasploit | ▪ OSSEC | ▪ MacOS & Windows |

WORK EXPERIENCE

Cattail Country Club - Outside Service Attendant

May 2023 - Current

- 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.

Arbor Landscapers, Inc. - Website Developer

July - October 2020

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

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

November 2020 - February 2022

- Managed a snow removal crew that serviced and maintained a large apartment 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.

Norbeck Country Club - Outside Service Attendant

August 2020 - October 2022

- Assisted at country club to ensure efficient operations of their golf facilities.
- Ensured customer delight by maintaining golf carts, bags, and facility grounds and professionally conversing with clientele.

ACTIVITIES & AFFILIATIONS

Alpha Tau Omega Fraternity, *Member*

March 2023 - Present

Penn State Club Lacrosse, *Member*

September 2022 - 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