Ethan C. Lemin

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EDUCATION

The Pennsylvania State University   **University Park, PA**
B.S. Cybersecurity Analytics and Operations   Anticipated: May 2025

- Minors in Security and Risk Analysis and Information Sciences and Technology
- Major GPA: 3.4/4.0
- Awards: Dean's List Fall Semester 2021
- Relevant Courses: Overview of Information Security, Networking and Telecommunications, Cyber-Defense Studio, Intermediate & Object-Oriented Application Development, and Organization of Data

SKILLS

Programming Languages: Java, Python, and SQL
Technical Skills: WordPress, Ethical Hacking, and Linux

RELATED TECHNICAL EXPERIENCE

Highmark Health   **Pittsburgh, PA**
Security Engineer Intern   Incoming May 2023

Penn State Homecoming (Voluntary)   **University Park, PA**
Technology Committee - Lead Web Developer (2 Hours/Week)   February 2023 – Present

Technology Committee - Systems Administrator (2 Hours/Week)   February 2022 – January 2023

- Optimized site performance by frequently conducting front-end and back-end maintenance using Red Hat Enterprise Linux 7 and WordPress, resulting in a 95% decrease in site crashes compared to the previous year
- Organized and partnered with a third-party student organization to conduct penetration testing and phishing against the Homecoming website and committee members to identify vulnerabilities
- Documented and presented weekly operational reports with the technology director and fellow committee members

Penn State College of IST   **University Park, PA**
Learning Assistant   January 2022 – Present

- Coordinated with professor to create coding assignments, quizzes, and discussions
- Hosted office hours and study sessions for students to improve learning experience by responding to questions and concerns about course material
- Graded and provided feedback on assignments, quizzes, and exams for 40 students

WORK EXPERIENCE

Kennywood Park (Seasonal)   **West Mifflin, PA**
Human Resources Intern   July 2022 – August 2022

- Interviewed 80 potential candidates for Kennywood Park, Sandcastle Water Park, and Stratwood Catering; conducted orientations for 45 new hires
- Maintained and updated 300 active and inactive employee records and 80 potential candidate records
- Implemented job incentive program resulting in 500 employee attending five individual events

Cash Control Manager   June 2021 – June 2022

- Accounted for $250,000 in daily revenue; balanced financial reports within 1% over/under total
- Trained, oversaw, and led 15 cash control employees adhering to corporate revenue polices and procedures
- Restructured end-of-night auditing procedures boosting productivity by 10% and reducing monthly labor costs by roughly $2,000

PROJECT EXPERIENCE

The Pennsylvania State University
Red vs. Blue Team - Cyber-Defense Studio   December 2022

- Targeted a vulnerable virtual environment to obtain three flags and plant malware
- Utilized Nmap, WFUZZ, a WordPress vulnerability scanner, and a reverse shell to gain access to the virtual server