Alexis Fenderson

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EDUCATION

Loyola University Chicago

Chicago, IL

BS in Cybersecurity / Italian Studies

Expected May 2026

Technical Skills:

• Security Implementation, OS, Data Privacy, Technical Hardening, Microsoft Office Suite

Cyber-Competitions:

- NCAE Cyber Games: Hardened Windows servers, mitigated vulnerabilities, and enforced secure configurations.
- Conquer the Hill: Configured firewalls, TCP/IP, and network infrastructure in a simulated cloud environment.
- Jersey CTF: Detected and exploited web app vulnerabilities; collaborated in real-time threat scenarios.
- NCL Fall & Spring: Used IT problem-solving skills in NCL's active cybersecurity simulations

WORK EXPERIENCE & RELEVANT COURSEWORK

Career Services Chicago, IL

Technology Career Peer

August 2024 - Current

- Moderated the Career Services website for malicious job postings.
- Used ticketed help system to remotely support and resolve technical issues
- Learned how to resolve logistical issues quickly and understand how to delegate tasks efficiently

Six Flags Over Georgia

Atlanta, GA

Lead Security

February 2022 - September 2023

- Managed 24/7 Security and Protective agencies for functional business operations
- Quickly diagnosed and resolved technical breakdowns impacting security hardware and software systems.
- Directed security personnel and technology resources to rapidly mitigate urgent system failures.

PROJECTS & SELF-LEARNING

Marie Life Hospital Security Policy

Chicago, IL

Security Specialist

January 2025 - May 2025

- Created a security policy for hospital application
- Developed policy aligned with HIPAA and NIST standards for secure hospital data retention and deletion
- Tested and adapted security policy based on experience feedback and ePHI safety.

MyCo Network Security Design

Chicago, IL

Network Specialist

January 2025 - May 2025

- Created a security implementation policy for a startup company
- Configured firewalls to enforce network security protocols and restrict unauthorized access.
- Managed switches for optimized connectivity and system reliability.
- Implemented wireless encryption and authentication protocols in accordance with ISO/IEC 27001 standards

Network Phishing Research

Chicago, IL

Lead Researcher March 2025 - Current

- Develop prevention programs to help students recognize and understand the importance of false networks
- Analyzed factors contributing to susceptibility to false networks and designed mitigation strategies.
- Applied data collection and analysis techniques to measure program effectiveness and user behavior.