

Liam Anderson

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EDUCATION

IOWA STATE UNIVERSITY

BS, CYBERSECURITY ENGINEERING

Aug 2019 - May 2023 | Ames, IA

Cumulative GPA: 3.6/4.0

Graduated Cum Laude

CERTIFICATIONS

COMPTIA | NETWORK+

Aug 2023 - Aug 2026

Candidate ID: COMP001022313147

COMPTIA | SECURITY+

July 2023 - Aug 2026

Candidate ID: COMP001022313147

COURSEWORK

Object-oriented Programming

Data Structures

Software Development

Algorithm Design & Analysis

Cryptography

Network Protocols & Security

Software Security & Safety Analysis

Operating Systems

Reverse Engineering & Security Testing

SKILLS

SOFT SKILLS

Time Management • Leadership • Critical Thinking • Communication • Problem Solving • Customer Service • Adaptability

PROGRAMMING

Python • Java • C • Software

Development • Algorithm Development

COMPUTER ENGINEERING

x86 Assembly • Verilog • VHDL •

Operating Systems • Reverse Engineering

CYBERSECURITY

Cryptography • Network Protocols

Network Security • Incident Response

Penetration Testing • Risk Management

Forensics Analysis • Malware Analysis

IT SYSTEMS MANAGEMENT

Network Administration • Technical

Support • Troubleshooting • System

Administration • Windows • Linux

PROFESSIONAL EXPERIENCE

AMERICAN PCS | TECHNICAL SUPPORT ENGINEER

Oct 2023 - Current | Council Bluffs, IA

- Troubleshoot and resolve a broad spectrum of technical challenges and manage various IT systems and environments.

LEO A DALY | IT SECURITY INTERN

May 2022 - Aug 2022 | Omaha, NE

- Managed Zscaler cloud security for 3K+ employees; ensured firewall, URL filtering, and private access configurations.
- Enhanced plans, policies, and systems to achieve Cybersecurity Maturity Model Certification (CMMC) level 2 compliance, leveraging NIST SP 800-171, 800-53, and CISA Frameworks.
- Developed a cybersecurity incident response plan and six security playbooks.

LEO A DALY | IT INTERN

Jun 2021 - Aug 2021 | Omaha, NE

- Provided first-level technical support, resolved 200+ issues in 3 months, maintaining workflow.
- Documented and escalated complex technical issues to senior system administrators, enabling swift system resolutions.
- Collaborated with team members during weekly sessions to diagnose and address the root causes of recurring technical issues.

Additional experience includes serving as a crew member at Corporate Care (2019 - 2021), volunteering with Habitat for Humanity (2018), and working as a cashier at Freddy's (2016 - 2017). These experiences honed my skills in customer service, time management, and teamwork.

PROJECTS

CAPSTONE: ADVERSARIAL ATTACKS ON MALWARE DETECTION

Aug 2022 - May 2023 | Ames, IA

- Developed tools to evaluate AI malware detection, uncovering vulnerabilities and automating testing and evasion methods.
- Conducted in-depth research on CPU power signatures associated with various programs and malware, providing pivotal insights into evasion strategies and enhancing project direction.
- Led efforts in backend algorithm development for testing and adaptive code injection, pivotal to the project's success.

SCHEDULING ANDROID APPLICATION

Aug 2021 - Dec 2021 | Ames, IA

- Spearheaded the backend development in collaboration with a dedicated team, laying the foundation for the app's functionality.
- Established a robust Spring Boot web server, developed an API system for seamless authentication and efficient data retrieval.
- Architected a SQL database, devising custom SQL queries and defining structures to support the app's data ecosystem.
- Collaborated weekly with the frontend developer, ensuring integration between frontend and backend, ensuring project success.