

# 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+

Jul 2023 - Jul 2026

Candidate ID: COMP001022313147

## COURSEWORK

Object-oriented Programming

Data Structures

Software Development

Algorithm Design & Analysis

Cryptography

Network Protocols & Security

Software Security & Safety Analysis

Embedded Systems

Assembly Level Programming

Operating Systems

Reverse Engineering & Security Testing

## SKILLS

### SOFT SKILLS

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

### COMPUTER SCIENCE

Python • Java • C • Operating Systems • Software Development • Algorithm Development

### CYBERSECURITY

Cryptography • Network Security • Incident Response Penetration Testing • Risk Management • Forensics Analysis • Malware Analysis • Policies and Procedures

### IT SYSTEMS MANAGEMENT

Network Administration • TCP/IP • Technical Support • Troubleshooting • System Administration • Windows • Linux • PowerShell

## PROFESSIONAL EXPERIENCE

### AMERICAN PCS | SECURITY ANALYST

Mar 2024 – Current | Council Bluffs, IA

- Weekly, meticulously analyze over 70 security alerts sourced from EDR, SIEM, and Identity systems, in addition to user reports. Proficiently triage security events by scrutinizing logs across diverse systems, including firewalls and Windows security logs, swiftly discerning false positives, and executing containment, remediation, and recovery measures as required.
- Revamped and optimized security alert workflows to streamline investigation and resolution processes, facilitating faster and more thorough analysis.
- Wrote automation for endpoint management culminating in a fortified security posture and monthly time savings equivalent to 15+ hours, enabling teams to focus on strategic initiatives and proactive threat mitigation.
- Worked with team members and stakeholders to update policy and procedure and developed systems to meet CIS security controls

### AMERICAN PCS | TECHNICAL SUPPORT SPECIALIST

Oct 2023 – Mar 2024 | Council Bluffs, IA

- Troubleshoot and resolved a broad spectrum of technical challenges and managed 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.
- 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.