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

IT SYSTEMS MANAGEMENT
Network Administration • Technical Support • Troubleshooting • System Administration • Windows • Linux

PROFESSIONAL EXPERIENCE

AMERICAN PCS | SECURITY ANALYST
Mar 2024 – Current | Council Bluffs, IA
- Analyze over 70 security alerts weekly from EDR, SIEM, and Identity systems alongside user reports, I adeptly differentiate false positives or promptly execute containment, remediation, and documentation within a 30-minute window from the alert.
- Executed penetration test for clients resulting in the identification and remediation of critical vulnerabilities.
- Enhanced operational efficiency and response capabilities by developing IT and security management procedures, resulting in a notable 50% reduction in completion time for specific cases.
- Updates policy and procedure and developed systems to meet CIS security controls

AMERICAN PCS | TECHNICAL SUPPORT SPECIALIST
Oct 2023 – Mar 2024 | Council Bluffs, IA
- Troubleshot 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.