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 | CYBERSECURITY ANALYST (CySA+)
Jul 2024 - Jul 2027
Candidate ID: COMP001022313147

COMPTIA | NETWORK+
Aug 2023 - Jul 2027

COMPTIA | SECURITY+
Jul 2023 - Jul 2027

COURSEWORK

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 • Adaptability

CYBERSECURITY
Cryptography • Network Security • Incident Response • Penetration Testing • Risk Management • Forensic Analysis • Policies and Procedures • Application Security • Vulnerability Assessment

IT SYSTEMS MANAGEMENT
Network Administration • TCP/IP • Troubleshooting • System Administration • Windows • Linux • macOS • PowerShell

COMPUTER SCIENCE
Python • C • Operating Systems • Software Development

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. Proficiently triage security events by scrutinizing logs across diverse systems, swiftly discerning false positives, and executing containment, remediation, and recovery measures as needed.
- Executed penetration tests for clients resulting in the identification and remediation of critical vulnerabilities.
- Revamped and optimized security alert workflows to streamline investigation and resolution processes, facilitating faster and more thorough analysis.
- 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.