

Jonathan Beierle

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SUMMARY

Information security specialist with extensive experience in network security and incident response. Highly motivated, client-centric, and life-long learner. Exhaustive approach to security implementation and research, with the ability to deliver clear, concise, and detailed reports.

EXPERIENCE

Network Engineering Intern, HEB Summer 2024, 2023, 2022 (8 months)

- Updated switch firmware to mitigate security vulnerabilities
- Used Python and API calls to write and contribute to several internally written network automation applications
- Ran audits on store infrastructure to maintain network performance and reliability

Co-Captain, Collegiate Cyber Defense Competition (CCDC) February 2024 - Present

Windows Lead, Collegiate Cyber Defense Competition December 2023 – February 2024

- Competed in a simulated, high-stress competition to secure a network of devices against an active adversary while sustaining business operations
- Hardened and configured Microsoft Windows machines in an Active Directory environment
- Wrote extensive documentation regarding configuration of various Windows operating systems
- Coordinated and communicated with several specialized team members to effectively compete

TracerFIRE November 2023

- Leveraged the ELK stack, Sysmon logs, and other methods of log aggregation to investigate a simulated cyber-attack against a fictitious organization
- Investigated Cobalt Strike indicators of compromise (IOC) in a simulated enterprise network environment
- Analyzed lateral movement in a network by simulated advanced persistent threats (APTs)

CERTIFICATIONS

CompTIA Security+ Expires January 2027
CompTIA Network+ Expires January 2027

EDUCATION

University of Texas at San Antonio (UTSA) Expected Graduation: December 2025
Bachelor of Science in Computer Science

ORGANIZATIONS

Infrastructure Chair, UTSA Computer Security Association (CSA) August 2023 - Present

- Supervise and configure infrastructure for wargames and other hands-on practical activities
- Strengthened organizational security posture via secure configuration and proper access controls
- Train and manage a team to provide high-quality resources to organization members

PROJECTS

Windows Hardening Research: github.com/HullaBrian/Windows-Hardening March 2024 - Present

Event Horizon: github.com/HullaBrian/EventHorizon December 2023 - Present