

Jonathan Beierle

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SUMMARY OF QUALIFICATIONS

- Pursuing Bachelor's in Computer Science with Cyber Operations Track; expected graduation date May 2026.
- Skilled in computer networking, programming, and security.
- Experienced in working with computer networking, automation, and programming.

EDUCATION

Bachelor of Science in Computer Science - Cyber Operations Track

The University of Texas at San Antonio, San Antonio, TX

August 2023 - Present

GPA: 4.0

Relevant Coursework

- Programming II
- AP Computer Science A
- Networking with Lab
- AP Calculus AB
- Calculus II

High School Diploma

Samuel Clemens High School, Schertz, TX

August 2019 - May 2023

GPA: 4.3

TECHNICAL SKILLS AND CERTIFICATIONS

- Proficient in Python 3, C, and Java
- Adept at using GNU+Linux and Windows operating systems
- Knowledgeable in using Ntrea, Nautobot, Infoblox, ClearPass, and Fortimanager
- Experienced configuring Cisco IOS, Aruba, and JunOS network devices

CompTIA Network+

Expires Apr 2026

EXPERIENCE

MWTA Network Engineering Intern, HEB, San Antonio, Texas

June 2022 - August 2022 and June 2023 – July 2023 (5 months)

- Updated network switch firmware to mitigate security vulnerabilities
- Wrote network automation scripts to pull and store device metrics
- Assisted in the development of an internally-written network automation application
- Perform traffic testing on next-generation network hardware to recommend future acquisitions
- Ran audits on store infrastructure to maintain network performance and reliability

Student Technology Intern, SCUC Independent School District, Schertz, Texas

June 2021 - August 2021 and August 2022 - June 2023 (1 year, 4 months)

- Completed service desk tickets for teachers to provide necessary resources for education
- Disposed of and replaced old or broken technology
- Repaired laptops, desktops, and chromebooks

Key Projects:

- **Event Horizon** - In progress SIEM written in Python and C - <https://github.com/HullaBrian/EventHorizon>
- **DueDiligence** - Canvas app for putting assignments into Excel - <https://github.com/HullaBrian/DueDiligence>

ACTIVITIES

Infrastructure Chair, UTSA CSA, San Antonio Texas

August 2023 - Present

TracerFIRE, Virtual

November 2023

- Competed in a weekend long competition to learn about various digital forensics and disaster recovery techniques

Vice-President, Samuel Clemens HS Cyber Security Club, Schertz Texas

August 2022 - May 2023

- Competed in CyberPatriot; went to the state round at the platinum tier
- Secured vulnerable computer systems using common mitigation techniques

Captain, Samuel Clemens HS Computer Science UIL, Schertz Texas

August 2022 - May 2023

- Competed at the regional level for Computer Science UIL