

# 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 Nettleo, 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/EventHorizon>

## 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