

Matthew O'Neil

Software Engineer Intern, Student



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Chattanooga, TN



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ORGANIZATIONS

UTC MocSec Cyber Defense Club

SKILLS

- Leadership
- Time Management
- Self-Motivated
- Problem-Solving
- Critical Thinking
- Adaptability
- Organization
- Communication
- Team Player
- Networking
- Python, Java, SQL
- Linux, Windows
- Cryptography

RELEVANT WORK EXPERIENCE

- Software Engineer Intern

Oct 2021 - Present

Tennessee Valley Authority / Chattanooga, TN

 - Shepard software demands to upgrade or acquire software by business units in engineering and equipment operations.
 - Communicate with vendors to retrieve Cybersecurity documentation regarding encryption, connection boundary, and communication pathways to ensure software compliance with *Executive Order 14028*.
 - Shadowing and training with Cybersecurity assessments and governance teams. This includes phishing programs and compliance assessments with guidelines and reports such as NIST 800-53, SOC2 Type 2, and NIST CSF.
- Research Assistant

March 2021 – Oct 2021

University of Tennessee at Chattanooga / Chattanooga, TN

 - Developed and tested coursework relating to Computer Science including networking, JavaScript, and secure Python scripting.
 - Learned valuable skills including network intrusion detection and vulnerability discovery as well as tools for packet analysis and network traffic monitoring.
 - Document labs implementing networking tools such as Wireshark, tcpdump, Snort and Nmap using Sphinx document generation tool.

COMPETITIONS & ACTIVITIES

- Southeast Cyber Defense Collegiate Competition
- PicoCTF
- CyberSEED CTF
- PlaidCTF
- OverTheWire
- TryHackMe

EDUCATION

- Bachelor of Science – December 2022
Cybersecurity
University of Tennessee at Chattanooga
GPA 3.825
- Associates Degree – May 2020
Computer Science
Chattanooga State Community College

CERTIFICATIONS

- CompTIA Security+
- AttackIQ: Foundations of Breach & Attack Simulations
- AttackIQ: Foundations of Operationalizing MITRE ATT&CK

VOLUNTEER WORK

- Ronald McDonald House
Event Assistant
- Chattanooga National Cemetery
CNC Volunteers
- Salvation Army
Donation Collector
- New Bethel Baptist Church
VBS Organizer

TOOLS

- Burp Suite
- MS Office
- Wireshark
- Nmap
- Metasploit
- Autopsy