Anthony V. Sharp

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Objective	To obtain a full-time job in cybersecurity role, allowing me to leverage my application development, and software engineering.

Education	**B.S in Computer Science**	*Aug 2018 - July 2022*
	Missouri University of Science and Technology	

Skills

Technology: *C/C++, Java, JavaScript, GNU/Linux, Python, SAS, SQL, R*
Application: *AWS, Docker, Kubernetes, Virtual Machine, Microsoft System Center Configuration, Splunk*
Practice: *Cybersecurity, Data Mining, Regression Analysis, Software Developer*

Experience

True Manufacturing – Information Security Analysis Co-Op *Jan 15 – Dec 13, 2022*
- Analyzing the network patterns to deter potential threats
- Work with developers, system/networking administrators, and other associates to ensure secure design and implantation of application and network
- Tracks performance metrics and provides timely updates to Microsoft System Center Configuration Manager management
- Develop, improve, and help implement best practices for security risk assessment

Missouri S&T – ACM Security: Cyber Security Boot Camp *Jan 5 – Jan 12, 2022*
- Received training from professionals from Los Alamos and Sandia National Laboratories
- Explored Host Forensics and computer exploration after a malicious attack
- Completed cyber security challenges focusing on networking, cryptography, web security, packet analysis, etc.
- Explored topics such as networking, red teaming, web exploitation, IoT risk, etc.

True Manufacturing – IT Helpdesk Technician Analysis Co-Op *Jan 11 – Aug 13, 2021*
- Install, configure, and troubleshoot hardware and software
- Document requests, solutions and prioritize incoming user request via email, phone, or in-person
- Decommission old devices (Workstations, Apple product, Scanner/Printers)
- **Special Projects** (Created a new site on IT SharePoint, decommission old ShoreTel desk for Network team, explore Mimecast with Security team)

Special Project

Shopping Cart Mobile Application *Sept 2021 – Dec 2021*
- Developed a shopping cart application using Flutter, Angular, and Firebase
- Scan or search items from third-party database using API collection
- Located the grocery store near the user location with the items from our shopping cart
- Multi-user software to access their shopping cart from Firebase server

Database SQL Project *Jan 2020 – May 2020*
- Build a multi-level interface for the front-end user for filing taxes to a SQL database
- Multiple users' login to gain access their filing system
- Using C# and MySQL to create the back-end database

Docker *Sept 2019 – Dec 2019*
- Research project to determine why Docker container are faster than virtual machines.
- Understanding the differences in virtualization and containerization
- Tested the multi-threads from a single docker container.

OS Shell *Sept 2019*
- Emulate a basic core functionality of a Linux style shell using C++
- Create a Files and Folders with timestamp and permission

Extra-curriculars

Electrical and Computer Engineering and Computer Science (ECECS)
- **Co-founder/Co-lead of the Missouri S&T ECECS**
Association for Computing Machinery (ACM) – **Treasurer**
Association for Computing Machinery – **Special Interest Groups: Security**
St. Louis Community College A.B.O.U.T Club – **Treasurer, IT Leader**
St. Louis Community College Math Club – **Member**