Theodore Brucker

Education

UNIVERSITY OF MAINE

B.S. Computer Science   Graduation Date: 05/04/2024
Academic Achievement*:* Dean's List: 2022, 2023

Technical Experience

SYSTEMS ENGINEERING   Portland, ME
https://www.systemsengineering.com
SOC (Security Operations Center) Technician
Full Time   06/03/2024 – Current
15 hours per week during academic semesters, 30 hours per week between semesters   08/28/2022 – 06/03/2024
- Used various SIEM and IDS tools to detect and investigate incidents
- Worked on-call as the first line of defense, managing triage and incident response
- Managed maintenance of event collectors
- Developed software for security audits, configuration management, and software deployment
- Communicated directly with numerous clients

Network Engineering Intern
40 hours per week   05/23/2022 – 08/27/2022
- Worked hands-on in dozens of client networks through multiple teams including Core, Infrastructure, Helpdesk / NOC, and SOC
- Completed company training in Windows administration: Active Directory; DNS; DHCP; server back ups
- Performed troubleshooting on SNMPv2/3 for Cisco ASA, Cisco Meraki, and FortiGate
- Presented to leadership and management about progress made and projects completed

Research Experience

PRIVACY ENGINEERING - REGULATORY COMPLIANCE LAB   UMaine
https://www.sepidehghanavati.com/research
Student Researcher
5 hours per week   09/01/2021 - Current
- Privacy Engineering and Regulatory Compliance Lab
- Investigated privacy practices during the software development lifecycle
- Developed tools to assist developers in maintaining privacy best practices and compliance

DEPARTMENT OF POLITICAL SCIENCE   UMaine
Student Research Assistant
10 hours per week   08/28/2021 – 08/28/2022
- Performed data processing with R to sanitize and visualize trends in foreign aid spending patterns

Certifications

CompTIA Security+   July 2023

Presentations

Delile, Z., Radel, S., Godinez, J., Engstrom, G., **Brucker, T.,** Young, K., & Ghanavati, S. (2023). Evaluating Privacy Questions From Stack Overflow: Can ChatGPT Compete?. Presented by **T. Brucker** at IEEE International Requirements Engineering Conference in Hannover, Germany. *arXiv preprint arXiv:2306.11174.*   September 2023

Leadership

SOCIETY OF PHYSICS STUDENTS   Orono, ME
Secretary   10/10/2021 – 12/7/2023

Skills

Technical: FortiSIEM, FortiGate, Event Collection, Syslog, Scripted Automation, Windows Active Directory, Windows Servers, Linux, Azure Admin Portal, Cloudflare, Node.js, Docker, Kubernetes
Scripting in: Python, PowerShell, Bash
Software Development in: Python, TypeScript, C, Java - https://github.com/theodore-brucker