Zachary Henard

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EDUCATION

Tennessee Technological University   Cookeville, TN
Bachelor of Science, Computer Science, Minor in Cybersecurity; 3.9 GPA   *Dec. 2021 – May 2024*

Northeast State Community College   Blountville, TN
Associate of Science, Computer Science; 3.8 GPA   *Aug. 2019 – May 2021*

TECHNICAL SKILLS

Languages: Python, C/C++, KQL, JavaScript, Batch, PowerShell
Certifications: CompTIA Security+, SC-200: Microsoft Security Operations Analyst, Secret Security Clearance
Skills: Cloud Security, Automation, Help Desk, Incident Response, Soft Skills
Awards: Army Achievement Medal, President's List, "Above & Beyond", "Champion Of The Month"

EXPERIENCE

SOC Analyst Intern   Sep. 2022 – Present
Conquest Cyber   *Nashville, TN*

- Developed complex KQL queries to increase efficiency/effectiveness of evidence collection
- Created CLI tool and browser extension to increase efficiency/effectiveness of investigations
- Monitor XSoar, Microsoft Sentinel, Qradar and other security tools for detection and identification of security events

Sysadmin Student Hire   May 2022 – Aug. 2022
Intuitive Research   *Huntsville, AL*

- Automated Thin Client migration (14 tasks)
- Point of contact for 500+ employees regarding VDI issues
- Automated Thick2Thin client conversion

Lab Analyst   Jan. 2020 – May 2022
Eastman Chemical   *Kingsport, TN*

- Analyzed hundreds of samples a day to ensure that the automated process was running smoothly
- Later moved to the pilot laboratory to test samples that will then be used in the world's largest methanolysis plant.

PROJECTS

SOC MultiTool | *JavaScript, Batch, PowerShell, HTML, REST API*

- Developed a browser extension to automatically investigate highlighted entities
- Utilized Chromium's Manifest V3 to ensure employees can use the tool for years to come
- Implemented auto-creation of custom KQL queries based on the evidence available in logs
- Utilized Batch and PowerShell to format API responses in a way that is appealing to the customer

Thick2Thin Converter | *Batch, PowerShell, WinPE, Wyse, NAS, DISM, AD*

- Automated re-imaging and conversion of Thick Clients to Thin Clients
- Created a bootable flash drive that automates 20 tasks when selected in BIOS
- Script will first perform all tasks needed to re-image the machine. Then performs the remaining tasks needed to convert the PC to a Thin Client
- Collaborated with System Administrators to allow the script to communicate with a central DIR using NAS

Thick Client Migrator | *Batch, PowerShell, CertUtil, VMware, VDI, NAS, AD*

- Automated employee migration from Thick Clients to Thin Clients
- Placed the scripts on NAS and the paths were added to the user's login script, completely removing the need for human intervention.
- Replicated the user's current environment on Thick Clients to their virtual environment
- 12 tasks were automated, greatly reducing the workload on the IT department