

Zachary Henard

423-293-2364 | www.henard.tech | zachary@henard.tech | github.com/zdhenard42

EDUCATION

Tennessee Technological University

Bachelor of Science, Computer Science, Minor in Cybersecurity; 3.9 GPA

Cookeville, TN

Dec. 2021 – May 2024

Northeast State Community College

Associate of Science, Computer Science; Magna Cum Laude; 3.8 GPA

Blountville, TN

Aug. 2019 – May 2021

TECHNICAL SKILLS

Languages: Python, C/C++, KQL, JavaScript, Bash, Batch, PowerShell

Certifications: CompTIA Security+, SC-200: Microsoft Security Operations Analyst, Secret Security Clearance

Skills: Cloud Security, Automation, Help Desk, Incident Response, Software Engineer, Soft Skills

Awards: Army Achievement Medal, President's List, Dean's List

EXPERIENCE

T&I Intern

Tennessee Valley Authority

Jan. 2023 – Present

Nashville, TN

- Maintain 5 data feeds for accuracy and reliability, contributing to the secure operation of hybrid systems
- Assist in the installation and configuration of IT equipment, including computers, servers, and networking equipment
- Provide on-site support for IT-related issues in field operations locations

SOC Analyst Intern

Conquest Cyber

Sep. 2022 – Jan. 2023

Nashville, TN

- Developed 13 complex KQL queries to increase efficiency/effectiveness of evidence collection
- Streamlined 28 investigation processes by developing a CLI tool & browser extension, improving efficiency and productivity
- Utilized XSoar, Microsoft Sentinel, 365 Defender, Azure, Qradar, and other security tools for detection and investigation of security events

Sysadmin Student Hire

Intuitive Research & Technology

May 2022 – Aug. 2022

Huntsville, AL

- Automated over 30 IT tasks, encompassing Thin Client migration, Re-Imaging, and Thick-to-Thin conversion
- Point of contact for 500+ employees regarding VDI issues
- Created scripts to resolve ~20% of daily tickets

PROJECTS

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

- A powerful and user-friendly browser extension that streamlines investigations for security professionals
- #22 on GitHub Trending, featured on many security blogs & incident response tool lists
- Utilized Chromium's Manifest V3 to ensure security professionals can use the tool for years to come

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

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

- Automated user environment migration from Thick Clients to Thin Clients
- Scripts placed on NAS then added to user's login script, completely removing the need for human intervention.
- 12 tasks were automated, greatly reducing the workload on the IT department