

Objective

Computer Science student at Rice University that will be graduating in early May. Holder of multiple CompTIA certifications including Network+ and currently looking for a Systems Administrator position.

Skills

- Python
 - Bash
 - PowerShell
 - JavaScript
 - Active Directory Management
 - Network Monitoring
 - Systems Administration
 - Network Troubleshooting
 - OSI Model
 - Subnetting
 - Nessus
 - Splunk
 - Windows Server
 - Windows 10/11
 - Linux/Unix
 - VMWare
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Certifications

- CompTIA Network+
 - CompTIA A+
 - CompTIA ITF+
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Education

Bachelors in Computer Science - Rice University, TX

August 2020 - May 2024 (Expected)

Projects

Active Directory Home Lab | [Blog Post](#)

- Set up a virtual Active Directory homelab that consists of 2 domain controllers, 5 user machines and 1 web/mail server using VMWare.
- Configured Domain Users, Domain Groups, Group Policies, Network Shares, Mail Servers & more for the domain environment and hardened it all against common attacks and exploits.

AD Device Hardening (PowerShell) | [Source Code](#)

- A script in PowerShell that automates the process of hardening an Active Directory Domain in order to defend against common exploits and attacks.
 - Performs actions such as ensuring Windows Defender & Firewalls are enabled, enabling SMB signing, disabling LLMNR & NBT-NS, disabling NTLM authentication, & more.
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Personal Development

Hands on Learning Platforms & Courses

- Completed the Linux101 course on TCM Academy in order to learn the fundamentals of Linux.
- Learned about programming, scripting, & automation in python via the Python 101 and 201 courses from TCM Academy.
- Gained a fundamental understanding of computers and cybersecurity concepts from TryHackMe's Web Fundamentals, Pre Security, Introduction To Cyber Security, & Cyber Defense learning paths.