Andrew Wiggin

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.

Certifications

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

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.

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.

Personal Blog | https://example.com

- Created and maintained a cybersecurity blog with weekly posts about certifications, an Active Directory homelab, programming projects, & more.

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