AMANDA GUINYARD

Email: manda4066@gmail.com
LinkedIn: https://www.linkedin.com/in/amanda-guinyard/

EDUCATION

Central Carolina Technical College, Sumter, SC   Aug 2023

Cybersecurity Certificate

College of Charleston, Charleston, SC   May 2020

Bachelors in Computer Science

CERTIFICATIONS

Microsoft Azure Fundamentals	May 2023
CompTIA Security+	Dec 2022
CompTIA Network+	Dec 2021
CompTIA A+	Dec 2020

PROJECTS

Project: Vulnerability Management Analyst |Home Lab
- Installed and deployed Qualys Virtual Scanner Appliance and accessed it through the Qualys Cloud Platform
- Executed the vulnerability management lifecycle on a virtualized environment
- Leveraged Qualys to manage vulnerability scanning and addressed identified vulnerabilities

Project: Implementing a SOC and Honeynet in Azure | Home Lab
- Successfully created a honeynet in Microsoft Azure and seamlessly ingested logs from diverse resources into a Log Analytics workspace, enabling efficient monitoring and analysis of security events.
- Effectively utilized Microsoft Sentinel to generate attack maps, trigger alerts and incidents, and gather comprehensive metrics within a 24-hour timeframe, enhancing threat detection and incident response capabilities.
- Implemented robust security controls to fortify the environment, ensuring enhanced protection against potential threats and vulnerabilities.

Project: Securing a Home Network with pfSense and WireGuard | Home Lab
- Designed and implemented a secure home network using pfSense on a mini PC as a router/firewall, segmented the network into three sections: critical devices, IoT devices, and guest access. Ensures that sensitive information is isolated and inaccessible from less secure network segments.
- Deployed a NAS that can only be accessed locally, enhancing data security by creating a VPN using OpenVPN. Configured remote VPN access on my laptop to securely connect to the network from anywhere, ensuring safe, encrypted access to resources.
- Utilized pfBlockerNG to block ads, web tracking, and malicious content, enhancing privacy and security across the entire network. Implemented DNSBL to filter potentially harmful domains and blocked traffic from high-risk regions, further strengthening defenses against unauthorized access attempts and malware.

EXPERIENCE

Company: South Carolina Department of Transportation, Columbia, S.C.   11/2023- Present
Title: Network Administrator

- Collaborate with IT and Cybersecurity service teams to ensure secure network information flow and alignment with security policies. Document processes and procedures.
- Troubleshoot and resolve network issues, serving as the first point of contact for network-related incidents across the state.
- Monitor and respond to network incidents, escalating potential threats or vulnerabilities to the appropriate teams for swift resolution and containment.
- Leverage tools like Solarwinds and Cisco Secure Network Analytics to ensure network performance, monitor for potential security policy violations, and analyze patterns of network anomalies.

Company: Barnwell County Consolidated School District, Williston, S.C.   07/2021 - 10/31/2023
Title: IT Technician

- Ensured high levels of security and system availability by quickly resolving technical issues, contributing to a 98% customer satisfaction rate and minimizing downtime for critical resources.
- Installed and configured operating systems and software with a focus on security hardening, ensuring optimal performance while maintaining robust security controls across servers and desktop computers.
- Managed and enforced user account security by administering access controls and permissions, safeguarding sensitive data and preventing unauthorized access.
- Delivered comprehensive technical support with an emphasis on identifying and mitigating potential vulnerabilities in end-user software, hardware, and network configurations.
- Mentored an apprentice, giving on the job training and troubleshooting techniques, ensuring they were equipped to address technical issues.

Company: Denmark Technical College, Denmark, S.C.   09/2020 - 07/2021
Title: IT Specialist

- Drove a successful project to configure JAMF School and Microsoft Endpoint Manager, resulting in the secure and efficient management of a fleet of 92 Apple iPads and MacBooks.
- Supported Microsoft Office 365 environments, enhancing productivity and communication through user account management and configuration.
- Streamlined user management processes by creating and managing student and employee accounts using Azure Active Directory.
- Delivered remote support to users across multiple locations, optimizing efficiency and reducing downtime.

SKILLS AND TECHNOLOGIES

Firewall management, VPN configuration, Network Segmentation, Threat Prevention, Identity Management, Solarwind, Security Protocols, Active Directory, Azure, Network Administration, TCP/IP, Security Appliances, Virtualization, Cloud Infrastructure, Troubleshooting, Scripting, VirtualBox, LAN/Wireless, Intrusion Prevention, Microsoft Office, SIEM, Linux, Windows Administrator, Wireshark