

Zachary Stenger

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PROFESSIONAL SUMMARY

Results-driven cybersecurity professional with a B.S. in Cybersecurity and CompTIA Security+ certification. Hands-on experience building and operating virtual lab environments for vulnerability assessment, penetration testing, and Active Directory administration. Proven leadership background managing teams and operations in a high-pressure environment. Seeking an entry-level IT or cybersecurity role where I can apply technical skills and a strong work ethic to protect and support organizational infrastructure.

EDUCATION

Augusta University — Augusta, GA

December 2024

Bachelor of Science in Cybersecurity

- Relevant coursework: Database & Project Management, Computer Programming Principles, Defensive Operations, TCP/IP Protocol Analysis

CERTIFICATIONS

CompTIA Security+ (SY0-701)

May 2025 – May 2028

Microsoft Excel 2016: Introductory

September 2020

TECHNICAL SKILLS

Languages: Python, C#, HTML, CSS, Bash (basic)

Security Tools: Wireshark, Nmap, Metasploit, Armitage, Nessus, Kali Linux

Networking: TCP/IP, DNS, DHCP, Active Directory, Group Policy, VLANs (basic)

Operating Systems: Linux (Kali, Ubuntu), Windows (XP–11), Windows Server 2019/2022

Virtualization & Cloud: VirtualBox, VMware (basic), Microsoft Azure (Virtual Machines, Network Security Groups, Firewalls)

Databases: SQL, Oracle

Software & Tools: Microsoft Office Suite (Excel, Word, Visio), Visual Studio, Git (basic)

Frameworks / Concepts: NIST Cybersecurity Framework, CIA Triad, Defense-in-Depth, Incident Response Lifecycle

CORE COMPETENCIES

Team Leadership • Problem Solving & Critical Thinking • Verbal & Written Communication • Customer Service • Conflict Resolution • Time Management • Adaptability • Attention to Detail

PROJECT EXPERIENCE

Home Cybersecurity Lab (Self-Directed)

June 2024 – Present

Personal Lab Environment

- Designed and deployed a multi-machine virtual lab using VirtualBox with Windows 10 and Kali Linux VMs to simulate real-world enterprise network scenarios
- Performed network reconnaissance and vulnerability scanning using Nmap and Nessus, identifying and documenting simulated attack surfaces
- Conducted penetration testing exercises including exploitation and privilege escalation using Metasploit Framework and native Kali Linux tooling
- Captured and analyzed network traffic with Wireshark to identify anomalous patterns and practice packet-level protocol analysis

Active Directory & DNS Configuration (Self-Directed)

September 2025 – Present

Windows Server 2022 Lab

- Deployed Windows Server 2022 as a domain controller and configured Active Directory Domain Services (AD DS), DNS, and DHCP from scratch in a virtualized environment

- Joined Windows 10 client machines to a custom domain (cyberlab.local) and applied Group Policy Objects (GPOs) to enforce security baselines
- Practiced user and group management, OU structure design, and authentication workflows to simulate enterprise identity management
- Documented configuration steps and troubleshooting decisions to build a reproducible lab setup reference

Azure Enterprise Network Lab (Academic Project)

Fall 2024

Augusta University — Enterprise Networking Course

- Provisioned and managed Windows Virtual Machines in Microsoft Azure as part of a simulated enterprise environment
- Configured Network Security Groups (NSGs) and firewall rules to control inbound and outbound traffic, enforcing least-privilege access principles
- Gained hands-on experience with Azure's cloud networking model including virtual networks, subnets, and resource groups

Network & System Visualization

March 2022 – April 2022

Academic / Self-Directed Project

- Designed detailed network topology and system architecture diagrams using Microsoft Visio to model data flows and infrastructure layout for a simulated enterprise environment
- Applied diagramming standards to communicate system design clearly to both technical and non-technical audiences

WORK EXPERIENCE

Metro Diner — Augusta, GA

November 2021 – Present

Assistant Manager

- Directed daily operations for a high-volume restaurant, managing scheduling, inventory, and workflow coordination across a team of 15+ employees
- Led and mentored a team that consistently achieved 10% quarter-over-quarter revenue growth through training, accountability, and process improvement
- Served as primary point of escalation for customer issues, applying structured problem-solving and conflict resolution to maintain satisfaction and retention
- Coordinated cross-functional communication between kitchen, front-of-house, and management teams in a fast-paced, time-sensitive environment
- Onboarded and trained new hires, developing SOPs and coaching staff on product knowledge and service standards