Max Gleason

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# SUMMARY

Driven and detail-oriented recent graduate from West Virginia University with a strong foundation in IT support, networking, and cybersecurity principles. Skilled in troubleshooting and user support with hands-on experience building and managing Active Directory environments, deploying websites with Python and React, and developing custom tools like a Python-based IPv4 network scanner. Adept at problem-solving, critical thinking, and working within a fast-paced team. I demonstrate the ability to bridge the gap between student and professional. Eager to contribute technical knowledge and a commitment to learning mindset to an entry-level IT or Help Desk Role.

# EDUCATION

**West Virginia University |** Morgantown, WV August 2025

Bachelor of Science in Business Administration

Major: **General Business |** Minor **Business Cybersecurity**

# PERSONAL PROJECTS

**Active Directory Lab – Windows Server 2022**

*Self-Directed IT Project*

* Deployed and Active Directory Domain Services (AD DS) environment on Microsoft Server 2022
* Created Organizational Units (OUs) for USA, Europe, and Asia regions.
* Built security groups for each region, HR, IT, Sales and added users accordingly.
* Build Distro Lists per department
* Configured Group Policy Objects (GPOs) for password policy, control panel restrictions, desktop restrictions, and mapped drives per department.

**Personal Portfolio Website – Python, React, CSS, Netlify**

*Self-Directed Full Stack Project*

* Developed a responsive web application using Python, React.js, and CSS for styling.
* Ensure cross-browser compatibility and mobile responsiveness.
* Deployed the site using Netlify with version control via Git and GitHub.

**Python Network Scanner – IPv4 Port Scanning Tool**

*Self-Built Cybersecurity Utility*

* Developed a Python-based network scanner to identify active hosts on IPv4 networks using socket and ipaddress modules.
* Designed CLI tool for scanning /24 networks, supporting custom port ranges and timeout settings.
* Gained practical understanding of TCP/IP, programming, and basic network reconnaissance techniques.

# UNDERGRADUATE PROJECTS

**Designing a Small Business Enterprise LAN Network Model,** Team Lead Fall 2024

* **Network Design and Topology Development:** Created a network topology that suited the needs for a small enterprise business.
* **Network Security and Troubleshooting:** Implemented access controls, firewalls, and VLANS for the different departments within the business.
* **Network Configuration and Device Management:** Analyzed the network overall to look for any discrepancies and to learn to troubleshoot networks.
* [Link to Project!](https://docs.google.com/presentation/d/1I5KQGueIFRo9g6VYuhzgHM-yPH4K8XENv1xisMeNruM/edit?usp=sharing)

**Practicing a Reverse Shell Exploit,** Team Lead Spring 2025

* Designed and implemented a controlled reverse shell connection in a sandboxed environment to demonstrate the mechanics of remote access attacks.
* Documented the process, findings, and ethical considerations in a formal report, aligning with industry best practices.
* Gained hands-on experience using Netcat, Wireshark, basic bash and python scripting for penetration testing demonstrations.

# WORK EXPERIENCE

**Kroger |** Morgantown, WV Fall 2024  
**Produce / Stocking Clerk**

* **Assisted** customers with locating fresh produce and provided recommendations, ensuring a positive and helpful shopping experience.
* **Resolved** customer concerns promptly and courteously, maintaining high satisfaction and promoting repeat business.
* Maintained the cleanliness, organization, and presentation of the Produce department. Ensured that all produce was fresh, properly stocked, and aesthetically arranged to enhance the shopping experience and drive sales.
* Worked collaboratively with team members to ensure smooth departmental operations, including coordinating with other store departments and participating in team meetings to discuss and address operational challenges.

**Storage Squad LLC |** Morgantown, WV Spring 2023

**Marketing & Operations Intern**

* Hands-on experience supporting social media campaign development, customer engagement and support.
* Managed and carried out all operations for the WVU Morgantown and UNC Chapel Hill locations.
* Engaged with customers to ensure all orders were completed efficiently and effectively.
* Developed strong interpersonal, time-management, problem-solving skills while completing all orders on time as well as dealing with customer delays.
* Created & developed all social media posts for the WVU.StorageSquad account, leading to a 25% increase in profile and post views.

# TECHNICAL SKILLS

**Microsoft Applications:** Microsoft Office Excel, PowerPoint, and Word 2019, Active Directory

**Programming Languages:** Python (Intermediate), React.js (Beginner), CSS (Beginner)

**Packet Analysis & Virtual Machine Applications:** Packet Tracer, Wireshark, Oracle VirtualBox, VMware

**Operating Systems:** Windows 10, 11, Kali Linux

**Security:** Metasploit, Netcat, Nmap, Nessus, Hydra

**Networking:** TCP/IP, DNS, HTTPS, VLANS

**Certifications:** Actively pursuing COMPTIA Security+

**Other Certifications:** Pre-Security Certified in TryHackMe

# CAMPUS ENGAGEMENT & LEADERSHIP

Management Information Systems Association (MISA), Board Member Fall 2022 - Present

* Served as Social Media Manger from September 2022 – December 2024
* Collaborated with fellow MISA officers to bring in professionals in our industry to speak with members during events.
* Participated with fellow MISA members and faculty through skill-based workshops, networking events, and socials.
* Attended and hosted the following workshops: Website (C++, C#), UPMC ITR Rotational Workshop, and Computer Hardware Workshop