

MAXWELL MENDENHALL

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Summary

Aspiring Computer Science student at West Chester University with a minor in White Collar Crime and focus on Computer Security. Skilled in web development technologies including Next.js, Flask, Java, with hands-on experience in networking concepts. Seeking an internship opportunity to apply my technical skills and gain practical industry experience.

Education and Training

West Chester University | Pennsylvania | West Chester, PA |

BS in Computer Science, **Minor** in White Collar Crime, **Certificate** for Computer Security

Expected Graduation 12/2024

- **GPA 3.4/4.0**

Relevant Courses

- Computer Security, Data Structures and Algorithms, Computer Science 3, Modern Web Development, Computer Networking and Computer Systems

Extracurricular Activities

- Computer Science Club Member, 2021
- Competitive Programming Club Member, 2022
- West Chester Rugby 2021-2023
- Volunteer Firefighter 2022

Skills

- **Programming Languages:** Java, Python, C#, JavaScript, Bash
- **Databases:** Mongo DB, MySQL
- **Technical Skills:** Networking, Linux, Computer Systems, Wireshark, Burp Suite, Cisco Packet Tracer
- **Web development:** HTML, CSS, Next.js, Node.js
- **Soft Skills:** Critical thinking, Self-motivated, Intrapersonal Communication
- **Security Skills:** nmap, nikto, gobuster, sqlmap, linpeas

School Projects

Malware Traffic Analysis & Network Security | Networking, Computer Systems, and Wireshark

- Used Wireshark to find compromised hosts and users using filters and identifying unusually protocols. Packet sniffed out various types of packets from telnet to https. Practiced searching for data on all unencrypted sources and was able to find passwords and usernames.

Network Development | Cisco Packet Tracer, Networking

- Developed a functional network topology on Cisco Packet Tracer, gaining hands-on experience with network operation including configuring switches, managing ports, setting up routes, and implementing IP addressing and subnetting schemes.

Maze Solver | Java

- Developed a program to recursively solve any maze input, produce the output and show the number of moves it made.

Personal Projects

Trading Algorithm | C#, Python, Flask, MySQL, and Bootstrap.

- Developed and deployed a trading algorithm that was back tested and walk through optimized to a broker's API and is currently executing live trades on the stock market. Made a website to visualize the performance of the algorithm that is updated weekly.

SIEM for Home network & Computers | Networking, OS and Network Security

- Implemented SIEM to enhance security monitoring and alerts for home network and personal computers.

Relevant Experience

The Wrap Shack | 2022

- Worked with a local business owner and developed a website to attract customers and give the business an online presence. Plan to develop an ecommerce store to take their merch online and increase sales other than in person sales.

Other Experience

Part Time Working | 05/2018-Current.

- Worked and working various part time jobs through high school and college.