Matthew Cox

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Professional Summary

Motivated cybersecurity student seeking an entry-level role to apply skills in network security, security policy, and organisational risk management. Strong communicator with experience in problem-solving, data analysis, and technical report writing. Eager to contribute to securing organisational assets and supporting mission-driven teams.

Technical Skills

Programming: Python, Java, C, C++
Cybersecurity: Penetration testing, vulnerability assessment, malware analysis, ethical hacking, secure coding
Tools: Kali Linux, Nmap, Wireshark, Metasploit, Burp Suite, VirtualBox, pfSense
Systems: Windows/Windows Server, Linux
Other: Research, writing, presentations, critical thinking, teamwork

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Cybersecurity Projects & Labs

Virtual Hacking Lab Setup

- Built a virtualised penetration testing environment using VirtualBox with pfSense routing.
- Deployed and configured Kali Linux and multiple intentionally vulnerable targets (DVWA, Metasploitable).
- Conducted scanning, enumeration, exploitation, and privilege escalation exercises.
- Produced detailed lab reports documenting methods, tools, findings, and remediation recommendations.

Secure Coding & Vulnerability Analysis Labs

- Analysed insecure applications and applied secure coding practices to mitigate risks.
- Performed static and dynamic analysis to identify input validation errors, injection risks, and logic flaws.
- Demonstrated mitigation strategies aligned with OWASP guidelines.

National Cyber League (NCL)

- Competed in individual and team capture-the-flag events.
- Gained hands-on experience in cryptography, log analysis, password cracking, OSINT, and network traffic analysis.

Education

Wittenberg University – Springfield, OH
 Bachelor of Arts in Computer Science, Concentration in Cybersecurity (Expected Graduation: 2026)
Coursework includes: Programming, Data Structures & Algorithms, Computer Architecture, Assembly, Networking, Cybersecurity Fundamentals, Secure Coding & Penetration Testing, and Risk Management.

Certifications: CompTIA Security+ (Scheduled 12/2025)

Clark State Community College – Springfield, OH
 College Credit Plus (2019–2023)

Kenton Ridge High School – Springfield, OH (2019–2023)

Work & Leadership Experience

Head Wrestling Coach – Kenton Ridge High School (2023–Present)

- Directed the wrestling program, overseeing practices, competitions, and athlete development.
- Built and managed a coaching staff to support program growth and performance.
- Mentored athletes to improve discipline, technique, and competitive performance.

Server – Texas Roadhouse, Springfield, OH (2022–Present)

- Delivered efficient, high-quality customer service in a fast-paced team environment.
- Strengthened time-management, multitasking, and communication abilities.

References

● Mario Gutierrez, Chief, Legal Administration

937-904-5781 | Mario.Gutierrez@us.af.mil

● Adam Parker Wittenberg University Professor

937-620-4052