David Yu

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Cybersecurity Student | Hands-On Security Labs, IT Support

Skills

Networking & Protocols: Basic knowledge of TCP/IP, subnetting, DNS, HTTP/S, FTP

Basic setup and troubleshooting of audio-visual equipment (microphones, cameras, livestream systems)

Experience managing cables, connectors, and hardware for events and productions

Security Tools: Nmap, Burp Suite, Hydra, Metasploit

Operating Systems: Windows, Linux (Kali, Ubuntu), macOS

Other Tools: VirtualBox, basic Python scripting

Education & Certifications

George Mason University — B.S. in Cybersecurity Engineering

Expected Graduation: May 2026 · GPA: 3.45

Certifications:

- ISC2 Certified in Cybersecurity (CC)
- Google Cybersecurity Professional Certificate
- TryHackMe: Pre-Security & Cyber Security 101

Cybersecurity & Tech Experience

Classroom Helpdesk IT Support — George Mason University *(Starting Aug 2025)*

- Will provide technical troubleshooting and IT support for faculty, staff, and students.
- Build strong problem-solving, communication, and customer service skills in a live environment.

Cyber News Live — *Cybersecurity Journalism Intern* (May 2025 – Present)

- Research and write about cyber threats, policies, and breaches for broad audiences.
- Translate technical content into accessible security articles.
- Stay up to date on evolving trends and security best practices

.TryHackMe Labs — *Offensive & Defensive Simulations*

- Completed red and blue team exercises in virtualized environments.
- Performed log analysis, anomaly detection, and threat remediation simulations.
- Tools: Nmap, Metasploit, Burp Suite, Wireshark

Computer Security Projects

- Completed guided cybersecurity labs focusing on vulnerability scanning, network analysis, and security monitoring.
- Gained experience using virtualization tools (VirtualBox) to simulate secure environments.

Leadership & Campus Involvement

Campus Ministry Club – George Mason University

Secretary & Outreach Coordinator (2023–2024)

- Organized weekly meetings and campus outreach events

- Promoted community engagement and helped new students get involved

Church Audio Visual Team *AV Technician (2021–2022)*
- Managed livestream technical production and coordinated AV team operations.

Work Experience

Quickway — *Cashier*

2023

• Provided fast-paced customer service in a high-traffic environment

• Practiced problem-solving, multitasking, and workplace communication