Matthew C. Thomas

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PROFESSIONAL SUMMARY:

Cybersecurity professional experienced in threat detection, log analysis, and vulnerability management. Proven success leading risk assessments and implementing AI-driven anomaly detection in academic environments. Strong communication with a track record of technical reporting, team leadership and cross-functional collaboration.

EDUCATION:

Master of Science, Cybersecurity   **Expected Graduation 2026**
Strayer University, Online   **GPA: 4.0/4.0**

Master of Science, Informatics   **August 2022 – May 2024**
The Pennsylvania State University, University Park, PA   **GPA: 3.2/4.0**

Bachelor of Science, Security Risk Analysis   **August 2020 – May 2024**
The Pennsylvania State University, University Park, PA   **GPA: 3.2/4.0**
            Integrated Undergraduate/Graduate Program

SKILLS:

Security Tools and Frameworks: SIEM, Nmap, Wireshark, Power BI, GitHub, Autopsy
Programming and Scripting: Python, Bash, PowerShell, SQL
Operating Systems and Environments: Windows, Linux, Virtual Machines
Cyber Concepts: CIA Triad, Access Control, Business Continuity, Incident Response, Network Security, Cryptography

RELEVANT PROJECT EXPERIENCE:

Insider Threat Detection and Cybersecurity Analytics – Penn State, Student   **January 2024 – May 2024**
- Analyzed system log files to identify threats, using Python and behavioral analytics, with 100% accuracy
- Leveraged advanced AI algorithms and large language models to analyze datasets and detect anomalies

Information Security – Penn State, Student   **August 2023 – December 2023**
- Developed and implemented risk treatment plans using threat/consequence analysis reducing risk by 30%
- Assessed operational security plans using CIA Triad principles, with recommendations expected to reduce vulnerabilities by 15%

Ethical Hacking and Penetration Testing – Penn State, Student   **August 2023 – December 2023**
- Completed 15+ security simulations using Nmap, MITRE ATT&CK, SIEM, and other methodologies
- Delivered 3 professional technical presentations and reports with 98% positive feedback

WORK EXPERIENCE:

Best Buy, Shift Lead   **August 2024 – Present**
- Administered access control policies by provisioning, updating, and deactivating credentials for employees
- Facilitated secure handling of sensitive customer and employee information by following Standard Operating Procedures for POS system access, identity verification, and privacy policy compliance
- Surpassed key performance metrics by 15-25% quarterly through coaching, culture and employee engagement

The Pennsylvania State University, Internship   **January 2024 – May 2024**
- Employed Bash and Python scripting on Raspberry Pi to emulate voice assistants on a protected network
- Documented findings into technical reports and presentations increasing successful repeatability by 30%
- Collaborated with advisors and peers to improve design, testing, and deployment of IoT classroom lab

CERTIFICATIONS:

Certified Cybersecurity (CC) - ISC2   **July 2025**
National Security Agency Certification of Excellence   **May 2024**