David Saxton

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SUMMARY

Entry-level cybersecurity analyst with hands-on experience in enterprise vulnerability management, complemented by a strong foundation in financial engineering, quantitative modeling, and data analysis. Solid programming background with proficiency in Python, NumPy, Pandas, and experience across AWS, Azure, and industry-standard security platforms. Skilled in applying technical, analytical, and cybersecurity expertise to support secure system design and strengthen risk frameworks in financial and fintech environments.

EDUCATION

Worcester Polytechnic Institute   **2028**
Bachelor of Science, Computer Science, Concentration in Cybersecurity (GPA: 3.76/4.0)
- **Coursework:** Database Systems (SQL), Algorithms, Objected-Oriented Programming, Computer Networks, Statistics I & II, Operating Systems, Software Engineering, Financial Statements for Decision Making

WORK EXPERIENCE

Executive office of Technology Services and Security   **May 2025 - Aug 2025**
Cybersecurity Analyst Intern   *Chelsea, MA*
- Coordinated with 11 executive offices as part of the Vulnerability Management Program (VMP), participating in weekly cross-department meetings to support enterprise security operations.
- Performed asset health checks using Tenable.io, Tenable.sc, and DHS scanning tools, identifying vulnerable systems and contributing to remediation steps informed by emerging threat intelligence.
- Processed 300+ vulnerability scans, accelerating remediation efforts across 11 executive offices and reducing reporting delays.

LEADERSHIP

Bay State Battalion Army ROTC | *Cadet*   **Aug 2024 - Present**
- Participate in leadership development training, including small-unit tactics, physical readiness, and military decision-making.
- Delivered operational briefs and mission summaries to leadership, improving team readiness and communication.

Theta Chi Fraternity, Epsilon Chapter | *Risk Manager*   **Nov 2025 - Present**
- Implemented chapter risk policies, reducing safety incidents and improving compliance with university standards for 80+ member chapter.

PROJECTS

Relational Database System with Java Integration
- Designed and implemented a fully normalized SQL relational database, including ER diagrams, schema creation, indexing, and referential integrity constraints.
- Developed a Java application using JDBC to support secure CRUD operations, parameterized queries, and transaction handling.

ADDITIONAL SKILLS

- **Programming and Quantitative:** Python, Java, C++, HTML, GitHub, APIs, .NET, Oracle SQL, RStudio, Git, NumPy, Pandas, SciPy
- **Security/Networking:** Tenable.io, Tenable.sc, Palo Alto, XSOAR, Wireshark, Splunk, KnowBe4
- **Cloud/Infrastructure:** AWS (CLI, IAM), Azure
- **Productivity:** Jira Cloud, ServiceNow, SharePoint