**Antonette Simms**  
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**Education**

**Bowie State University – Bowie, MD**  
*Bachelor of Science in Computer Technology (Track: Network Enterprise Infrastructure)*  
**08/2022 – Present | GPA: 3.4**

**Technical Experience**

**IT Intern**  
*National Aquarium – Baltimore, MD*  
**May 2024 – Present**

* Assist in troubleshooting and maintaining network infrastructure for seamless connectivity.
* Support deployment of internal software tools to increase efficiency across departments.
* Provide timely technical support for hardware and software issues.

**Cybersecurity Job Shadow Participant**  
*Tenable – 2025*

* Gained hands-on experience in vulnerability management and cybersecurity best practices.
* Observed live demonstrations of tools like Nessus and endpoint protection systems.

**Bowie State University – Course-Based Experience**

* **CTEC 305 & 405 – Server Administration:** Configured and managed enterprise-level Linux and Windows servers.
* **CTEC 435 – Unix System Administration:** Applied system hardening, user permissions, and shell scripting.
* **CTEC 294 – PC Architecture:** Built PCs from components and diagnosed system performance issues.
* **CTEC 402 – Machine Learning for Biometric Authentication:** Designed AI-driven behavioral and biometric security systems.

**TECHNICAL PROJECTS & HANDS-ON EXPERIENCE**

* Configured and managed dual-boot and multi-boot environments using Windows 10/11, Ubuntu, Kali Linux, and Windows Server 2016 to support various lab and project setups.
* Earned industry-recognized certifications including the Cisco Packet Tracer Badge and Oracle Java Badge.
* Designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase technical projects, resume, and professional background. The site features a responsive layout, chatbot integration, QR code access, downloadable resume, and GitHub links.
* Developed and delivered an online course to teach foundational computer skills to older adults, enhancing community digital literacy.
* Designed and implemented a secure enterprise network model featuring firewall integration and IDS/IPS systems for proactive threat detection and mitigation.
* Automated network diagnostic processes through the development of custom Python and Java scripts.
* Conducted applied research on behavioral-based anomaly detection using machine learning techniques to identify patterns indicative of security threats.

**Technical Skills**

**Programming Languages:**

* C, Java, Python

**Software & Tools:**

* Microsoft Office Suite (Excel, Word, PowerPoint, Access)
* Wireshark & Network Traffic Analysis
* Cybersecurity Fundamentals
* Packet Sniffing & Intrusion Detection Systems

**Operating Systems:**

* Windows (10 & 11), MacOS, Ubuntu, Kali Linux

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AI-generated content may be incorrect.**Additional Information**

* QR Code link to Portfolio