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AI-generated content may be incorrect.**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 the maintenance and troubleshooting of network infrastructure, ensuring seamless connectivity and minimal downtime.
* Support the development and deployment of new software applications to enhance operational efficiency across departments.
* Provide technical support to staff, resolving hardware and software issues to ensure smooth daily operations.

**Tenable Job Shadow Program** (2025)

* Gained hands-on experience with cybersecurity practices and network protection tools.
* Acquired knowledge of vulnerability management, security protocols, and industry-standard tools.

**Bowie State University – Course-Based Projects** (2024)

* **CTEC 305 & CTEC 405: Server Administration**
  + Managed and maintained enterprise-level networks and servers.
  + Configured Windows and Linux-based servers for optimal performance.
* **CTEC 435: Unix System Administration**
  + Developed expertise in Unix/Linux system configurations and administration.
  + Implemented security hardening techniques for Unix-based environments.
* **CTEC 294: PC Architecture**
  + Gained an in-depth understanding of computer hardware, architecture, and system components.
  + Built and troubleshooted PC systems to improve performance.
* **CTEC 402: Machine Learning for Biometric & Behavioral Authentication**
  + Applied machine learning algorithms to enhance security authentication methods.
  + Developed a project focused on improving biometric authentication using AI-driven techniques.

**Technical Projects & Hands-On Experience**

* Configured and managed dual-boot environments with Windows 10, 11, Ubuntu, Kali Linux, and Windows Server 2016.
* Earned **Cisco Packet Tracer Badge** and **Oracle Java Badge**.
* Administered and maintained a multi-boot system.
* Created an online course aimed at teaching basic computer skills to older adults.
* Designed a secure enterprise network model integrating firewall and IDS/IPS solutions.
* Developed scripts in Python and Java for automating network diagnostics.
* Conducted research on behavioral-based anomaly detection using machine learning.

**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

**Additional Information**

* Active participant in cybersecurity workshops and networking conferences.
* Passionate about open-source contributions and knowledge sharing within tech communities.