Antonette Simms

Baltimore, MD 21229 | 443-621-9375 | Antonettes1224@gmail.com

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.

o 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.