

Jerell Smith

Active Secret Security Clearance | (240)353-4873 | jerellsmith02@gmail.com | <http://www.linkedin.com/in/jerell-smith>

EDUCATION

Bowie State University, Expected May 2026 Bowie, MD
Bachelor of Science in Computer Technology; 3.68 GPA
Relevant Coursework: Network Protocols (TCP/IP), Software and OS Security, Foundation of Computer and Network Security, Computer Networking, Internet Technology, Client Operating Systems, Linux Operating Systems

SKILLS AND SOFTWARE PROFICIENCIES

Active Directory • Linux (RHEL 8) • Bash Scripting • Python • JavaScript • PC Architecture • Network Administration (DNS, DHCP, VLANs, Switches, Routers) • Machine Learning (scikit-learn, XGBoost, pandas) • Conflict Resolution

WORK EXPERIENCE

May 2025 - August 2025 **Innovative Defense Technologies** Arlington, VA

Information Technology Engineering Intern

- Designed and deployed a new LDAP directory service with client integration, enabling centralized authentication and establishing the foundation for future enterprise IAM initiatives.
- Performed DoD-level system hardening (STIG compliance) across laptops and workstations, leveraging both automated tools and manual configuration to meet strict cybersecurity standards.
- Engineered and administered RHEL 8 environments, developing Bash scripts to automate configurations, streamline repetitive tasks, and manage distributed virtual machines at scale.

June 2024 - December 2024 **Washington Suburban Sanitary Commission** Laurel, MD

Information Technology Support Engineering Intern

- Assisted with installation, configuration, and troubleshooting of servers, workstations, laptops, and network hardware across enterprise environments.
- Supported DNS/DHCP appliances and maintained network infrastructure including Wi-Fi devices, switches, and routers.
- Collaborated with IT technicians and managers to provide technical support, reduce downtime, and maintain enterprise system reliability.

August 2024 – December 2024 **Bowie State University** Bowie, MD

Machine Learning Engineering Intern

- Optimized model performance with hyperparameter tuning and evaluated using precision, recall, and ROC-AUC metrics.
- Collaborated with a team to design, implement, and present results using Python, pandas, scikit-learn, and XGBoost
- Applied time-series analysis to identify seasonal trends and transactional patterns.

June 2023 - December 2023 **Washington Metropolitan Area Transit Authority** Washington, D.C

Information Technology Asset Intern

- Imaged and optimized laptops, desktops, tablets, and All-in-One devices for enterprise deployment.
- Developed a mobile application to provide real-time train information with push notifications, improving rider experience.
- Repaired hardware, reduced downtime, and managed IT asset assignments through ServiceNow to support organizational efficiency.

ACTIVITIES & HONORS

7x National Dean's List Recipient ; 2022-2025 • Cyber Club • Center for Financial Advancement (CFA) • Premiere Scholars TMCF Scholar • SGA (Executive Director of Commuter Services) • Ignite • NAACP • National Society of Black Engineers (NSBE) Sports Management Association • Green Ambassadors

LICENSES & CERTIFICATIONS

Microsoft Technology Associate Networking Fundamentals • Cisco Certified Technician Routing and Switching