

DEANNA MARIE BARNES

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PROFESSIONAL SUMMARY

Cybersecurity Technology student with an Army Veteran background and over 10 years of federal and defense-contracting experience. Proven track record of managing sensitive PII, enforcing Identity and Access Management (IAM) controls, and conducting compliance audits across enterprise systems. Combines hands-on expertise in AWS cloud architecture, ethical hacking fundamentals, and network routing diagnostics with proven operational resilience. Seeking a Security Analyst, Information Assurance Specialist, or Junior SOC Analyst role.

TECHNICAL SKILLS

- **Security & Compliance:** IAM/Access Controls, PII & Data Governance, Risk Mitigation, Security Policy Mapping, FOIA/Privacy Act Compliance, Ethical Hacking Fundamentals
- **Cloud & Infrastructure:** AWS Cloud Architecture, Cloud Service Models (IaaS/PaaS/SaaS), System Migrations, Virtualization, Linux Administration
- **Networking & Diagnostics:** Subnetting, Packet Routing Diagnostics, Network Architecture, PC Hardware Configuration & Troubleshooting
- **Certifications:** CompTIA Security+, Certified Ethical Hacker (CEH) trained, ISC2 Certified in Cybersecurity (CC) pending

CYBERSECURITY PROJECTS

Linux Web & Remote Access Infrastructure Proposal | UMGC

- Configured, deployed, and secured an enterprise Linux server hosting Apache web services and key-based SSH remote access protocols.
- Hardened server access controls by configuring OpenSSH daemon policies to enforce 4096-bit RSA key authentication and disable password-based login to prevent unauthorized access.

Cloud Infrastructure & Security Migration Proposal | UMGC

- Evaluated hybrid vs. public cloud deployment models to design a secure enterprise infrastructure migration plan.
- Mapped cloud service provider capabilities to federal compliance standards and security control frameworks (NIST) to ensure data integrity and system availability.

Enterprise Endpoint Hardware & Security Plan | UMGC

- Formulated hardware specification and procurement strategy for enterprise endpoints across general and specialized developer groups.
- Integrated hardware-level security, memory overhead requirements, and lifecycle scalability into system design specifications.

PROFESSIONAL EXPERIENCE

Technical & Operations Specialist (Defense Contractor) | Ankore Consulting, Inc. — Leesburg, VA 2023 – 2025

- Administered user access control and Role-Based Access Control (RBAC) permissions across SAP Concur and enterprise systems, safeguarding sensitive PII while processing 1,000+ operational requests.
- Executed routine security compliance audits against Federal Travel Regulations (FTR) and agency guidelines to identify data entry vulnerabilities, system misconfigurations, and regulatory non-compliance.
- Mitigated operational risk and improved team technical efficiency by 30% through regular security training sessions, Standard Operating Procedures (SOPs), and structured issue tracking.

- Delivered rapid incident resolution and structured troubleshooting for complex enterprise system workflows, maintaining a 90% satisfaction rating across high-volume contract operations.

Systems & Operations Specialist | U.S. International Development Finance Corp. (DFC) — Washington, DC

2018 – 2021

- Governed user account provisioning, credentialing, and transactional security for agency-wide systems, performing continuous auditing of Individually Billed Accounts (IBA) and Centrally Billed Accounts (CBA) to detect anomalous activity and financial discrepancies.
- Designed agency-wide standard operating procedures (SOPs), data-tracking frameworks, and secure workflow templates to enforce compliance with federal security policies and internal controls.
- Managed identity verification, credential checks, and secure data routing for executive leadership, presidential appointees, and federal personnel under strict confidentiality protocols.

Information Governance & Compliance Assistant | U.S. International Development Finance Corp. (DFC) — Washington, DC

2012 – 2018

- Maintained information governance and data privacy controls for legal and federal records using HPRM electronic record management systems in compliance with federal standards.
- Supported Freedom of Information Act (FOIA) and Privacy Act (PA) program operations, logging tracking data, enforcing role-based access restrictions, and compiling annual compliance reporting.
- Audited and verified financial procurement invoices under Federal Acquisition Regulation (FAR) guidelines, validating funding lines and authorization credentials prior to system routing.

EDUCATION & MILITARY SERVICE

Bachelor of Science in Cybersecurity Technology (GPA: 3.59)

University of Maryland Global Campus (UMGC) | Expected Graduation: 2026

- **Honors:** Dean's List
- **Relevant Coursework:** Cloud Infrastructure & Security, Ethical Hacking, Computer Networks & Architecture, Diagnostic Routing Tools, Enterprise System Administration

Associate of Arts in Business (GPA: 3.11)

University of Phoenix

Military Service: U.S. Army Veteran - Honorable discharge

Affiliations: IEEE Student Branch at UMGC