

# **Derek D. Hillman**

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## **Cybersecurity Engineer | Systems & Network Engineer | RF & Field Infrastructure Specialist**

Engineering-focused cybersecurity professional with expertise across enterprise networking, Linux administration, vulnerability management, SATCOM/RF infrastructure, and secure systems engineering. Proven ability to bridge cyber defense operations with hands-on field engineering and DevSecOps automation.

### **Core Technical Skills**

#### **SKILLS**

Electronics, Engineering Technology, Visio, Microsoft Office, Systems Engineering, GITHUB, Puppet, Subversion, MAVEN, Linux, Jenkins, SHORT training, LONG training, OPSC, VPO, OPCD, DTO, Cryptographic Custodian, Agile Methodology, AWS, System Administrator, Nessus Security Center, Tenable, RMF, CentOS, RHEL, XACTA, Splunk, Wire-shark, Cribl Edge, Honeycomb, Gitpod, Terraform, Hashicorp Packer, ION, Ubuntu, Debian, ISSE, Greenlight, Roadrunner, Illuminate, XACTA 360, Authentic8, Browser fingerprinting, GSM, CDMA, UMTS, 4G 802.11, Vulnerability Management, Zero Trust, Ubiquiti, WMD, IED CBRNE, Marlin Spike, Persona, Mis-attributable, Rapid 7 Nexpose & Metasploit, Quincy, Docker, VOIP, RF, PBX, Autopsy, Ethical hacking

### **Professional Experience**

#### **OCONUS Network Field Engineer — Leidos | July 2024 – Present**

- Monitor enterprise networks using SolarWinds, Nagios, and Cacti.
- Administer Linux and Windows systems supporting operational communications.
- Install, configure, and maintain Cisco and Juniper routers, switches, firewalls, and servers.
- Deploy and maintain VSAT satellite equipment and Aprisa 4RF radios.
- Troubleshoot PBX/VoIP connectivity issues across distributed remote sites.
- Configure Eaton network-connected UPS infrastructure.
- Support CI/CD configuration management using Salt automation tools.
- Maintain COMSEC equipment and coordinate contractor site operations.
- Worked with ISP and technology vendors.
- Installed and configured Ubiquiti Protect video cameras and networked attach storages.

#### **Cyber Security Operations Engineer — Virtus Technology Solutions | March 2022 – July 2024**

- Engineered vulnerability scanning architectures utilizing Nmap, Nessus, Masscan, and Rapid7 Nexpose.
- Hardened enterprise systems including servers, firewalls, laptops, and AWS cloud infrastructure.

- Built secure AWS AMIs using HashiCorp Packer and deployed infrastructure using Terraform.
- Installed and configured Splunk and Cribl Edge for enterprise logging and packet analysis.
- Conducted network traffic analysis using Wireshark and COTS/GOTS forensic analysis tools.
- Supported RMF accreditation lifecycle from ATD through ATO.
- Created Body of Evidence artifacts within Greenlight, Roadrunner, and Illuminate systems.
- Coordinated cyber-defense engineering aligned with NSM-8 standards.

### **System Administrator (SME) — Full Suite Solutions, Maryland | October 2019 – March 2022**

- Administered RHEL and CentOS servers supporting RF systems.
- Conducted Nessus vulnerability scans and remediation planning.
- Developed POA&M documentation and maintained 13 System Security Plans.
- Automated administrative tasks using Bash and Python scripting.
- Deployed OS upgrades and enterprise application patches.
- Implemented RMF security controls and supported compliance audits.
- Monitored systems via Splunk, Kibana, CLI, and GUI tools.

### **Software Configuration Engineer Team Lead — Full Suite Solutions, Northern VA | October 2018 – October 2019**

- Built and deployed software releases across Dev/Test/Prod environments.
- Supported CI/CD pipelines using Puppet, Jenkins, and Ansible.
- Managed configuration management baselines and documentation.
- Coordinated outage planning and release communications across engineering teams.

### **Logistics Engineer III — IAP World Services (OCONUS) | August 2017 – October 2018**

- Supported forward operating base logistics operations in austere environments.
- Configured and palletized COMSEC equipment for deployment.
- Managed equipment accountability and coordinated field operations.

### **Field Engineer III — Vencore | December 2016 – August 2017**

- Constructed and deployed CBRNE liaison collection field kits.
- Tested and calibrated scientific equipment including FLIR and Gas Chromatograph Mass spectrometers (GCMS) systems.
- Maintained Linux OS field laptops and provided field engineering support.

### **Systems Engineer — Department of Defense | January 2016 – December 2016**

- Conducted Physical Configuration Audits (PCA) and Technical Assist Visits (TAV) to confirm Infrastructure configurations.
- Supported RF network engineering rack infrastructure.
- Created and managed AutoCAD/Visio technical documentation packages.

### **Electronic Technical Analyst — American Systems Corporation | June 2015 – January 2016**

- Reverse engineered electronic circuitry and developed schematics down to the component level.
- Produced technical intelligence reports supporting USG operations.
- Tested and analyzed Printed Circuit Boards (PCB) components using spectrum analyzers and electronic tools.

#### **IT Management Analyst — NTT DATA (Quantico, VA) | October 2014 – June 2015**

- Installed secure applications onto employee's mobile devices.
- Administered Linux user accounts and configurations.
- Managed equipment, inventory and asset tracking.

#### **Quality Control Engineer — Edifice Solutions | March 2014 – October 2014**

- Certified USACE Construction Quality Control Manager.
- Supervised \$2M+ government construction projects and ensured compliance with USACE, NAVFAC, safety, quality, and contract standards.

#### **Engineering Technician — CGI Federal | June 2013 – November 2013**

- Designed and implemented wireless networks.
- Installed and configured 802.11 access points and tested RSSI performance.
- Maintain ground facilities across the site campuses.

### **Education**

**MEng Artificial Intelligence & Machine Learning**—George Washington University (Expected January 2027 - December 2028)

**B.S. Cybersecurity** — Old Dominion University (Expected December 2026)

**A.A.S Engineering Technology** — Northern Virginia Community College (2014)

**A.A.S CADD Engineering Technology Certificate** — Northern Virginia Community College (2014)

### **Certifications**

- CASP+
- CompTIA Security+ CE
- AWS Certified Security – Specialty
- GVF SATCOM Field Technician Certification
- DoD DAWIA Level I Program Management
- DoD DAWIA Level II Information Technology
- DoD DAWIA Level II Logistics
- DoD Systems Engineering Certificate