

# DANIEL LAFORCE

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## NETWORK ENGINEER

Strategic network professional with extensive experience implementing, maintaining, and optimizing enterprise-level network infrastructure. Proven expertise in designing secure, scalable network solutions that enhance operational efficiency and ensure maximum uptime. Adept at troubleshooting complex technical issues and collaborating with cross-functional teams to deliver reliable connectivity solutions.

## TECHNICAL EXPERTISE

**Network Infrastructure:** LAN/WAN Design & Implementation, VPN Configuration, IPv4/IPv6, TCP/IP, Firewall Management, VLANs, QoS, Load Balancing, Network Segmentation

**Network Protocols:** OSPF, EIGRP, RIPv2, STP, HSRP, VTP, SNMP, NTP, DNS, DHCP, SMTP, IPsec, SSL/TLS

**Network Security:** Endpoint Protection, Zero-Trust Architecture, Network Access Control, Penetration Testing, Vulnerability Assessment, DNS Filtering

**Network Hardware:** Cisco Routers (1700-7200 Series), Catalyst Switches, ASA Firewalls, Zyxel Equipment, UniFi Systems, Cable Modems/SONUs

**Tools & Technologies:** VMware ESXi/vSphere, Hyper-V, Docker, ProxMox, Azure AD, SharePoint, Teams

**Programming/Scripting:** Python, Bash, PowerShell, AutoHotkey

## PROFESSIONAL EXPERIENCE

**ANCHOR POINT IT SOLUTIONS** | Colorado Springs, CO

**Project Engineer** | December 2023 - June 2024

- Implemented comprehensive security stack for enterprise networks, enhancing threat protection for 235 clients with environments ranging from 30 to 1000 users
- Executed 5 Microsoft 365 and SharePoint migrations with 60% reduced downtime, maintaining business continuity throughout transition periods
- Deployed advanced network architectures and Microsoft Teams phone systems, creating unified communications platforms
- Orchestrated key cloud solutions and DNS configurations that improved network reliability by 28%
- Reduced security incidents by 83% through strategic security implementations and improved system update processes by 60%

**NOVUS PROFESSIONAL SERVICES, INC.** | Greenwood Village, CO

**Network Engineer II** | August 2022 - March 2023

- Designed and implemented innovative WiFi testing cage infrastructure enabling remote firmware testing of six different router models (Wave2 and WiFi6)
- Engineered comprehensive testing environment including cable modem/SONU configurations for MAP-T and dual-stack testing, automated relay and RF switcher controls
- Created CAD prototypes for modular testing units incorporating cable modems/SONUs, routers, and SBCs
- Developed Python automation scripts for device registration and Ansible scripts for network task automation
- Managed RF testing and signal verification across 9 headends using professional cable testing equipment

- Implemented IP space optimization solutions through consolidated switch configurations, improving network efficiency by 25%
- Maintained network connectivity for approximately 100 routers across two sites with 99.8% uptime

## **COMPUTEK DENTAL SYSTEMS** | Fort Collins, CO

**Field Engineer** | December 2021 - August 2022

- Managed IT infrastructure for 300+ dental practices encompassing 3700+ workstations and ~300 Windows Servers
- Configured and maintained Active Directory, LAN/WAN, and VPN services across multiple locations
- Developed VSA Deployer application for Kaseya VSA RMM agent installation, reducing deployment time by 80%
- Administered server, Hyper-V VM, and MySQL/MSSQL backups using N-Able Backups, Windows Server Backups and AIS
- Supported practice management software including Dentrix, Ascend, OpenDental, and CurveHero
- Assisted with IT infrastructure planning for office remodels and mergers
- Managed troubleshooting tickets using Commit Ticket CRM, achieving 95% first-call resolution rate

## **LOCKHEED MARTIN** | Colorado Springs, CO

**End-to-End Systems Engineer** | June 2018 - December 2019

- Maintained 2 IRON databases with ~1800 configurations each, ensuring 100% database accuracy
- Collaborated with engineering team to implement Remote Tracking Station (RTS) configurations
- Tested IRON configurations on Automated Remote Tracking Station (ARTS) and Remote Tracking Station Block Change (RBC)
- Conducted testing using Air Force Satellite Control Network (AFSCN) Test Bed (ATB)
- Reviewed 50-250 IRON configuration modifications monthly with zero critical defects
- Validated Telemetry, Tracking, and Commanding (TT&C) parameters for mission success

## **EDUCATION & CERTIFICATION**

**Western Governors University** | Bachelor of Science, Computer Science, 2023

- Academic Excellence Award
- Student Mentorship Program

**Cisco Networking Academy** | Cyber Ops, 2018 **CCNA Cyber Ops** | 2021 **CCNA Routing & Switching** | 2021 **CCENT** | 2021 **Virtual Cyber Security Officer Training** | vCSO Advanced **Project+** | **CompTIA Network+** | **CompTIA A+** | **CompTIA**

## **RELEVANT PROJECTS**

**Argo Cloudflare DDNS** | Bash script for automating DNS updates with Cloudflare

- Engineered automated DNS management solution with compatibility checks, user input validation, API integration, and cron scheduling
- Reduced manual DNS update time by 95%, enhancing overall network reliability and efficiency

**WiFi Cage Wiring Diagram Proposal**

- Designed comprehensive testing environment including remote access system using Intel NUC and Raspberry Pi SBCs

- Created custom serial interface modifications for router mainboards, increasing testing efficiency by 40%

### **VSA Deployer**

- Developed application based on Kaseya VSA RMM for efficient agent installation across enterprise networks
- Reduced deployment time by 80% and streamlined management of 3700+ workstations