

Justin Bark

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Clearance: Q/Top Secret

Education

Bachelor of Science, Network Engineering and Security Cisco Track, Western Governors University – Las Vegas, NV

Bachelor of Science in Electrical Engineering, University of Nevada, Las Vegas – Las Vegas, NV

Associate of Science, College of Southern Nevada – Las Vegas, NV

Certifications

CompTIA A+, Network+, Security+, SecurityX, Cloud Essentials, Linux LPI, CCENT, CCNA, GCIH, GSEC, VCP6.5-DCV, VCP-NV (2024), Project+, ITIL v4

Technical Skills

Tools & Platforms: VMware, Hyper-V, Splunk, IDA Pro, Wireshark, DLP, Nessus, RedSeal, Cisco DNA Center, Cisco ISE, CrowdStrike, Carbon Black, Infoblox, SolarWinds, Extrahop Reveal(X), Cloudian, NetSparker, GemOne, MITRE ATT&CK framework., and Tenable Security Center.

Networking & Security: Cisco, Palo Alto, Riverbed, VPNs, DISA STIGs, PKI, RADIUS, TACACS+, COMSEC

Operating Systems: Windows (2008–2019), macOS, Linux (RHEL, Kali)

Programming & Scripting: Python, Powershell, C++, Java, PHP, Fortran

Other: Microsoft Office (2003–2024), Adobe Creative Suite, Visio, STIG Viewer, Evaluate STIG

Professional Experience

Network Administrator | Resource Management Concepts, Inc. – Patuxent River Naval Air Station, MD | Sept 2024 – Present

- Led multiple classified NetOps projects from design through implementation.
- Redesigned NAVAIR DNA network architecture to streamline subnetting with KG175 integration.
- Planned unified management subnet for all switches.
- Created STIG templates for Cisco devices and implemented standard security configurations.
- Migrated static IPs to DHCP reservations; improved scalability and management efficiency.
- Authored SOPs and trained NetOps personnel on DISA STIGs and network security practices.

- Designed the network for two Congressional TS networks for NAVAIR DNA and properly documented and received ATO packages for usage.

Cybersecurity Analyst II (Network Security Engineer) | Mission Support and Test Services LLC – Las Vegas, NV | Aug 2023 – Sept 2024

- Served as the technical lead for deployment and administration of the ExtraHop Reveal(x)
- NDR platform, delivering real-time visibility across physical and virtualized infrastructure.
- Designed and implemented scalable ExtraHop architecture for multi-segment monitoring, enabling inter-VLAN and inter-VM traffic analysis critical to Zero Trust initiatives.
- Built and customized dozens of dashboards, triggers, and detection cards to support stakeholders in Network Engineering, Security Operations, and Application teams, focusing on APM, lateral movement, and behavioral anomalies.
- Developed best practices for ExtraHop deployment, tuning, and alert management—significantly enhancing operational efficiency and reducing MTTD (mean time to detect) for security incidents.
- Integrated ExtraHop with Splunk and Palo Alto firewalls to correlate NDR data with SIEM logs and threat intelligence feeds, enhancing incident response and automated triage.
- Led cross-team knowledge transfers and workshops to upskill SOC analysts and engineers in ExtraHop’s investigative workflows, protocol decoding, and detection logic.
- Diagnosed and resolved complex performance issues using ExtraHop’s real-time L7 analysis, including DNS misconfigurations, SSL anomalies, and shadow IT detection.
- Maintained technical documentation covering ExtraHop system architecture, alert logic, and integration points with SOAR tools and internal ITSM workflows.
- Conducted regular performance reviews of the ExtraHop environment, proactively addressing capacity, scaling, and update management in coordination with vendor support.
- Participated in the refinement of cybersecurity policies based on behavioral insights from ExtraHop, aligning threat detection capabilities with evolving organizational risk profiles.
- Implemented ADFS Zero Trust environment on Windows Server 2022.
- Installed Nutanix hyperconverged systems for Splunk and backup infrastructure.
- Led STIG hardening on enterprise switches and routers.
- Diagnosed and remediated SSL, SAML, and PKI certificate vulnerabilities.
- Configured QoS and LACP load balancing with F5 appliances.

Cybersecurity Analyst | Mission Support and Test Services LLC – Las Vegas, NV | Jul 2019 – Aug 2023

- Applied DISA STIGs, root cause analysis, and threat monitoring across government systems.
- Handled COMSEC equipment, TACLANE, SATCOM, and forensic toolsets (Paladin, Kali).
- Participated in emergency directives (21-01, 21-02) involving malware and C2 threat analysis.
- Used Splunk, Cisco DNA, Cisco ISE, and Panorama for network defense and visibility.
- Deployed WEBEOC on AWS and managed Christie Phoenix wall software and WASP inventory.

System Engineer | DAS Health – Las Vegas, NV | Mar 2018 – Dec 2018

- Supported over 1,000 healthcare systems ensuring HIPAA compliance.
- Redesigned client infrastructure including AD, DNS, DHCP, and VMware environments.
- Diagnosed memory leaks and set up backup appliances like Datto.
- Managed 100+ domains and installed physical security systems.

Corporate Computer Engineer | MGM Resorts International – Las Vegas, NV | Sept 2017 – Mar 2018

- Supported all MGM properties' systems including POS, VoIP, and gaming systems.
- Helped design Luxor's e-sports arena and performed Micros/Infogenesis configurations.
- Maintained AS400 systems and casino tracking software.

System Technician | Clark County – Las Vegas, NV | Apr 2016 – Jun 2016

- Implemented IT infrastructure for county-wide elections.
- Set up satellite and dial-up connections for rural precincts.
- Prepared thousands of PCs for Windows 10 migration.

Owner / IT Consultant | Soybean Tech LLC – Las Vegas, NV | Oct 2014 – Dec 2015

- Provided repair, resale, and consulting for IT hardware and network security.
- Performed risk assessments and infrastructure restoration with minimal downtime.

Refurb Engineer | EPC – Las Vegas, NV | Jan 2013 – Apr 2015

- Diagnosed PCB and IC failures, increasing site revenue from \$60k to \$180k monthly.
- Redesigned audit workflow for increased throughput and inventory tracking.

Support Technician II | College of Southern Nevada – Las Vegas, NV | Mar 2010 – Dec 2012

- Provided helpdesk and classroom media support across campus.
- Assisted in VOIP migration and networking port identification.
- Worked on Christie hardware and Cisco Call Manager setup.