Dion Demetrius

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Education

Computer Systems Technology – Networking, Centennial College   Sep. 2019 – June 2025
    Ontario College Advanced Diploma

Related Experience

Cineplex Entertainment Corporate Office   Jan. 2022 – Apr. 2022
Co-op Junior EUTS Analyst
- Assisted in switch installation, improving connectivity for 100+ employees
- Completed tier 1 support tickets on the first attempt, reducing downtime by 10%
- Administration for new and existing Active Directory Accounts
- Updated consumer ticket kiosks remotely, improving efficiency for thousands of customers
- Provided post implementation remote and desk-side support
- Collaborated with a seasoned IT team to ensure timely support and reliability

Centennial College of Applied Arts and Technology
Networking Student Experiences

Internetwork Troubleshooting with Cisco Hardware   Jan. 2025 – Apr 2025
- Executed advanced troubleshooting labs by implementing configurations and network solutions resolving issues related to HSRP, EIGRP, OSPF, and STP on real cisco hardware.
- Hands-on experience has enhanced my practical problem-solving skills in a fast-paced live network scenario, contributing to a deeper understanding of network protocols and hardware configurations.

Data Center Virtualization with VMware ESXi   Sep. 2024 – Dec. 2024
- Managed and configured type 1 and type 2 hypervisors using ESXi and VMware workstation. Established network connectivity between virtual machines and implementing virtual network solutions to simulate data center operations.
- Utilized ESXi's Balanced power management policy which can improve energy efficiency by 3% without compromising on performance.

Unix and Linux Installations for System Administration   Jun. 2024 - Aug. 2024
- Built and scheduled tasks using cron, hosted and configured websites using webservers like Apache, and created example databases on a Debian based distro using mySQL.
- Installed Ubuntu LTS server using a type 2 hypervisor and configured via remote login.

Network Simulation with Cisco Packet Tracer   Jan. 2023 – Apr. 2023
- Designed a network simulation connecting multiple Canadian regions incorporating routing protocols, VLANs, and subnetting to emulate real-world environments.
- Facilitated the analysis of network performance and security, enabling the study of scenarios involving over 1 million concurrent web browsers in near real-time.

Technical Skills and Knowledge

Networking: OSPF, EIGRP, HSRP, DHCP, ACL, PPP, LAN/WAN, DNS, VLAN, VPN, Internet, Intranet, Firewall
Programming: Familiar with Python, JavaScript, NodeJS, C, C++, HTML5, Markdown
Operating Systems: Windows, MacOS, Nobara, EndevourOS, Linux Mint, iOS, Android, LineageOS
Tools & Platforms: Cisco Packet Tracer, Wireshark, VMware, ESXi, Parsec, KVM/QEMU, Vsphere, Microsoft 365, Azure, Git/Github, FTK Imager, Autopsy, Audacity, pfSense, Helvum, HuggingFace, Filezilla, Tailscale, JetBrains, Stable-Diffusion, Visual-Studio Code, Cursor, Google Cloud, Oracle Cloud, LMStudio, Waydroid, Paralells etc.