

Dion Demetrius

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Education

Computer Systems Technology – Networking, Centennial College
Ontario College Advanced Diploma

Sep. 2019 – June 2025

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 end-user helpdesk support tickets reducing downtime by 10%.
- Administration for new and existing Active Directory Accounts.
- Updated consumer ticket kiosks remotely, improving efficiency for thousands.
- Provided standard onboarding for new employees and desk-side support.
- Staged and deployed new laptops, and assisted in shipping devices and other peripherals.

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, OSPF, LAN/WAN and STP on real cisco hardware and through cisco packet tracer.
- Hands-on experience has enhanced my analytical abilities, and practical problem-solving skills in a fast-paced environment 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.
- Obtained hands-on experience on ESXi's cloud-centric environments, policies, and was educated on cybersecurity related capabilities.

Unix and Linux Installations for System Administration

Jun. 2024 - Aug. 2024

- Built and scheduled tasks using cron, hosted and configured websites using web servers 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 Sequoia, Fedora/Red-Hat, Arch, Ubuntu/UServer, 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, Helium, HuggingFace, Filezilla, Tailscale, JetBrains, Stable-Diffusion, Visual-Studio Code, Cursor, Google Cloud, Oracle Cloud, LMStudio, Waydroid, Paralells etc.