AL MUQSHITH SHIFAN

Networking & Cybersecurity Student | CCNA Certified

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PROFESSIONAL SUMMARY

CCNA-certified Networking & Cybersecurity student (graduating 2026) with hands-on experience in network administration, security testing, and infrastructure optimization. Skilled in configuring and troubleshooting enterprise networks, deploying firewalls, and conducting vulnerability assessments to enhance system reliability and security.

SKILLS

| PROFESSIONAL

Problem Solving

Technical Troubleshooting

Communication & Collaboration

Documentation & Reporting

Time Management

Adaptability

| TECHNICAL

Networking (Routing, Switching, VLANs, Cisco IOS)

Cybersecurity (Vulnerability Testing, Firewalls, Access Control)

Linux/Unix Administration & Debugging

P4 Programming & Network Simulation

HTML/CSS & Python

Equipment Configuration & Server Maintenance

EDUCATION

| BACHELOR OF INFORMATION TECHNOLOGY – Networking & Cybersecurity

Ontario Tech University, Oshawa

2026

WORK EXPERIENCE

Network Administrator Summer Research Assistant

Ontario Tech University – Oshawa, ON | 06/2025 – 09/2025

- Installed, configured, and troubleshot P4 programmable switches for research and testing environments used by multiple faculty-led projects.
- Developed custom P4 programs to analyze and optimize network behavior, achieving lab-first implementations later used in graduate research.
- Debugged and resolved Linux and Unix-based issues, improving stability and reducing crash rates by 30%.
- Designed secure closed-network environments for vulnerability testing without risk to production systems.

Networking Lab Technician

Ontario Tech University – Oshawa, ON | 09/2024 – 06/2025

- Improved lab network performance by identifying bottlenecks and applying targeted optimizations, reducing downtime by ~20% and supporting uninterrupted lab sessions for 50+ students weekly.
- Configured and maintained server hardware, cabling, and network devices, ensuring consistent connectivity for 20+ lab systems.
- Provided tier-1 and tier-2 technical support, resolving 100+ access and account issues during academic term.
- Performed preventive maintenance, extending operational lifespan of lab systems by an estimated 2+ years.

Cyber Security Analyst

YYC Beeswax Ltd – Remote (Calgary, AB) | 06/2025 – 09/2025

- Conducted vulnerability assessments on WooCommerce + Stripe integrations, identifying and mitigating card testing risks that could impact thousands of customer transactions.
- Audited 30+ plugins, documented CVEs, and created a technical hardening checklist adopted by the development team.
- Monitored system logs and alerts to proactively.

PROFESSIONAL AFFILIATIONS

| HONOR
Dean's List – Ontario Tech University
2024

| MEMBERSHIP
TryHackMe Cybersecurity Platform
2023-Present

CERTIFICATIONS & AWARDS

| Cisco Certified Network Associate (CCNA)
Cisco Networking Academy
06/2024 – 06/2027

| Led Successful Deployment of P4 Network Research Lab
Ontario Tech University
2025

| Completed 200+ Hours of Cybersecurity Labs
TryHackMe Cybersecurity Platform
2023 – Present

REFERENCES

| Shahram Shah-Heydari
Professor & Research Supervisor |
Ontario Tech University
E: shahram.heydari@ontariotechu.ca

| Lisa
Project Lead | YYC Beeswax Ltd
E: lisa@yycwax.com

| Josh Lowe
Lab Supervisor | Ontario Tech University
E: josh.lowe@ontariotechu.ca

PROJECTS

WAN-LAN Network Design *(Ontario Tech University, 2024)*
- Designed and deployed a simulated enterprise LAN/WAN infrastructure for a multi-site network.
- Developed configuration files for ISP and branch offices, implementing VLAN segmentation and redundancy.

Database Project – Amazone
GitHub: https://github.com/Al-Scripting/Database-Project-Amazone
- Built a mock e-commerce platform with MySQL integration and optimized relational queries.
- Implemented CRUD operations for product and user data management.

Registry and Permission Scripts
GitHub: GitHub: https://github.com/Al-Scripting/Registry-and-Permission-Scripts
- Created PowerShell and Bash scripts to automate Windows registry edits and Linux permission management.
- Implemented role-based access controls and compliance checks.

Machine Learning Algorithms
GitHub: https://github.com/Al-Scripting/Mechine-Learning-Alogrithms
- Developed and tested supervised and unsupervised ML algorithms in Python.
- Applied models to datasets for classification accuracy and performance evaluation.

AniWiki DevOps Deployment
- Led deployment of an anime information web app with CI/CD pipelines and Dockerized services.
- Integrated API data fetching for real-time updates and optimized backend scalability.