

# Soran Amin

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## EDUCATION

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**Carleton University, Ottawa ON**  
**Bachelor of Information Technology**  
**Network Technology, Co-op Option**

**September 2024 – Present**

## PROJECTS

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**Network Home Lab**  
Network automation and pentesting Lab

**January 2025 – Present**

- Engineered an enterprise networking lab by combining Cisco ISRs/Catalyst switches with a Proxmox VE server in order to simulate security threats, configurations and integrating automation mechanisms across various multi-node topologies.

## TECHNICAL SKILLS

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- Proficient in interpreting network topologies, applying IPv4/IPv6 addressing schemes, and problem-solving using a structured layered approach.
- Experience configuring VLAN segments, trunk links, STP, and port security on Cisco switches, resulting in fault-tolerant, secure, and efficient switched networks.
- Knowledge configuring L3 routing mechanisms such as static routes, default routes, and IGPs such as OSPFv2/v3 to ensure reliable end-to-end connectivity across networks.
- Experience deploying, navigating and managing a variety of Linux distributions across various environments (Virtual Environments and Bare Metal).
- Experience programming in **C/C++**, **Python**, and **Bash**, leveraging Python for network data processing, and Bash scripting for building automation and management tools within a home lab environment.

## TECHNICAL EXPERIENCE

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**Networking Competition**  
Carleton University BIT NET vs. Algonquin CST

**Spring 2025**

- Personally invited to represent Carleton University's BIT-NET program in the first annual networking competition against Algonquin CST program.
- Collaborated in a team to plan, configure and deploy a given network topology under time sensitive conditions, simulating real world constraints.

**Lab Management****November 2024 – Present**

Algonquin College T building Labs

- Support Professors and Lab Technicians in troubleshooting, servicing and deploying a large volume of lab equipment/infrastructure (switches, routers, computers, laptops, cabling).

**SKILLS**

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- Fully Bilingual (French/English)
- Elected as Class Representative (Fall 2025). Responsible for creating a communication channel between students and faculty to ensure feedback and concerns are met.
- Conducted tutoring sessions in core networking and programming courses, tailored to meet the learning needs of my peers.

**WORK EXPERIENCE**

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**Seafood Clerk****May 2024 – September 2024**

IGA, Gatineau, QC

- Received and organized daily/weekly seafood shipments, maintaining inventory accuracy and product quality.
- Coordinated stock rotation, minimized waste and ensured product quality standards.
- Conducted routine cleaning, sanitation, and cross-contamination prevention checks to uphold workplace health and safety policies.

**Technology Consultant & Technician****September 2017 – September 2018**

Staples Canada, Toronto, ON

- Managed and secured high value merchandise and client devices in accordance with company procedure policies.
- Performed hardware/software diagnostics, repairs and consultations for client needs.
- Reviewed and managed the ticketing system, prioritizing requests to maximize department efficiency and customer satisfaction.

**SCHOLARSHIPS & AWARDS**

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- Second year standing, 11.3/12 (A)
- Entrance Scholarship, Henry M Tory
- Dean's Honour List 2024-2025
- Expected Graduation Date: Spring 2029

## **AVAILABILITY**

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Available for 4 months beginning April 2026.