

Christopher Neville

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PROFILE

Second-year Computer Science (Honours) co-op student with hands-on experience in software development, Linux/Docker systems, networking, and technical troubleshooting, backed by more than three years of supervisory retail experience. Experienced in training staff, coordinating daily operations, and supporting both front-store and pharmacy teams.

EDUCATION

Carleton University - Ottawa, ON

Expected 2029

Bachelor of Computer Science (Honours) | Co-op Program

Completed Coursework: Intro to Computer Science I & II, Discrete Structures I, Linear Algebra

2026-27 Coursework: Systems Programming, Abstract Data Types & Algorithms, Applied Cryptography & Authentication, Software Engineering, Web Applications, Discrete Structures II, Linear Algebra II, Statistical Modelling I

TECHNICAL & PROFESSIONAL SKILLS

Programming: Python, Java, JavaScript, HTML/CSS

Development / Data: Flask, PySide6, SQLite, Git, GitHub

Systems / IT: Linux, Windows, Docker, Docker Compose, networking, DNS, technical troubleshooting

Professional: Excel, staff training, scheduling, inventory control, customer service, operational coordination

EXPERIENCE

Rexall Pharmacy - Ottawa, ON

Jun 2023 - Present

Supervisor

- Supervise day-to-day front-store operations including staff coordination, cash handling, inventory control, and customer service in a fast-paced environment.
- Train and support new employees on operational procedures, POS systems, store policies, and day-to-day problem solving.
- Use Excel and internal systems to support inventory, sales, scheduling, and operational tracking.
- Selected for cross-training in pharmacy operations while maintaining front-store supervisory responsibilities, enabling support across both store departments.

TECHNICAL PROJECTS

LAN Observer

Python | Flask | SQLite

- Built a local network monitoring application that discovers and tracks devices across a LAN using ARP- and ping-based scanning.
- Developed a Flask interface for device status, hostnames, vendor data, last-seen records, and known/unknown device classification with SQLite persistence.

Home Server / Homelab

Linux | Docker

- Configured and administer an Ubuntu Server homelab running containerized services including Jellyfin, Pi-hole, Portainer, and a web dashboard.
- Troubleshoot DNS, networking, container configuration, persistent storage, and service availability across the home network.

SysDeck

Python | PySide6 | Git

- Developing a modular Windows desktop utility with a task-manager-inspired interface for system information and PC management tools.
- Structure reusable PySide6 modules and manage development with Git/GitHub and a Python virtual environment.

LEADERSHIP & COMMUNITY

Carleton Computer Science Society

Member

Participate in academic, technical, and professional development events within the computer science community.

Baxter Conservation Area Day Camp - Ottawa, ON

80 volunteer hours

Supervised groups of 6-12-year-old campers, supporting safety, engagement, teamwork, and outdoor activities.