

# Cathleen San Buenaventura

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## EDUCATION

### Carleton University

Sept. 2022 – May 2026

Computer Science B.C.S. Honours — Cybersecurity Stream

- Relevant Coursework: Data Structures and Algorithms, Web Development, Systems Programming, Database Management, Operating Systems, Discrete Mathematics, Object-oriented Software Engineering, Cryptography

## CERTIFICATIONS

### CompTIA Security+ ce

Certified Sept. 2025

## WORK EXPERIENCE

### Cybersecurity Analyst Intern

Apr. 2025 – Aug. 2025

Zummit Infolabs

Remote

- Analyzed 120+ network anomalies using Wireshark and tcpdump, categorizing findings through OWASP Top 10 to guide in the production of clear remediation and incident reports.
- Strengthened the company's OSI Framework (OSI) specializing in Application Layer through collaboration with the DevSecOps and current teams using an open-sourced interface to enhance security compliance.
- Presented the enhanced model to executives then clients, clearly articulating technical value in business propositions, resulting in a closed deal and long-term client commitment.
- Completed company skills training about WAF, VPN, Edge Protection (Cloudflare), MSPs, Networking Principles, and Security Controls through timely team compliance using the STRIDE Framework.

### Barista

Aug. 2023 – Present

Starbucks Corp.

Ottawa, ON

- Ensured accuracy in all transactions while maintaining excellent customer service and teamwork.
- Streamlined in-store workflows reducing delays by approx. 15% through proactive communication.

### Front-Desk Receptionist

Nov. 2022 – Apr. 2023

Kanata Dental Centre

Ottawa, ON

- Protected confidential patient data following strict privacy standards and improved record retrieval efficiency by 25% through organized digital filing systems.
- Supported daily front-line operations ensuring smooth patient flow and consistent service quality.

## PROJECTS

### Cloud Security | AWS CloudWatch (in-progress)

- Designed a secure AWS environment emphasizing least privilege IAM principles to minimize insider risk.
- Configured VPCs, firewall rules, and AWS Configuration policies to ensure continuous compliance with CIS benchmarks; will deploy CloudWatch monitoring to detect configuration drift and respond to threats.

### Vulnerability and Packet Analysis | Wireshark, Nmap

- Captured and analyzed live network packets to identify anomalies, spoofing, and DNS tunneling patterns.
- Mapped network exposure by scanning open ports and cross-referencing vulnerabilities with CVE databases, strengthening endpoint defense posture.

## LEADERSHIP

### cuHacking — Community Engagement Director

Sept. 2025 - Present

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, Java, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Next.js, Express.js, Bootstrap, Qt

**Libraries:** NumPy, Libpcap/tshark

**Developer Tools:** Git, Splunk, Wireshark, VS Code, PyCharm, LaTeX, Windows, Linux