

Mehakpreet Kaur Thind

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PROFILE SUMMARY

Cybersecurity student with hands-on experience in threat analysis, OSINT research, network investigations, and security testing. Skilled in Python, PowerShell, Linux, and documenting risks in a clear and organized way. Recognized by supervisors for strong performance and nominated for the Sheridan Co-op/WIL Exceptional Student Award. Experienced in supporting users, explaining technical concepts simply, and working calmly in fast-paced environments. Curious, detail-oriented, and eager to grow in governance, risk, and advisory work.

SKILLS

- **Cybersecurity:** Threat analysis, OSINT, malware investigation, SQL injection testing, log and registry analysis.
- **Governance & Risk Support:** Documentation, remediation tracking, reporting, NIST CSF, issue triage.
- **Systems & Networking:** Windows/macOS support, device setup, VM configuration, TCP/IP, DNS, DHCP, Wireshark packet analysis.
- **Tools & Technologies:** Python, PowerShell, Bash, Jira, Confluence, MS 365, VMware, Event Viewer, Registry Editor.

EDUCATION

- **Honours Bachelor of Information Sciences – Sheridan College, Oakville, ON**
September 2022 - Present
- **CompTIA Security+ (SY0-701), CompTIA**
April 2025
- **Computer Engineering Technician Diploma – Sheridan College, Brampton, ON**
January 2018 - October 2019

EXPERIENCE

Applied Computing Tutor – Sheridan College, Oakville, ON

Aug 2025 – December 2025

- Helped students understand systems administration, programming, and basic cryptology using clear, step-by-step explanations.
- Supported learners in configuring virtual machines and troubleshooting network issues.
- Adapted teaching methods for students with ADHD or executive function challenges to improve structure and confidence.
- Supported learners 1:1 and in groups using patience, encouragement, and clear communication.
- Delivered support via Virtual Classroom, MS Teams, and in person.
- Communicated professionally through email, virtual platforms, and in-person interactions to support student inquiries and resolve issues promptly.

Technologist for FAAD (Faculty of Arts, Animation, and Design) – Sheridan College, Oakville, ON

June 2025 - August 2025

- Provided hands-on technical support for Windows and macOS devices including setup, registration, and configuration.
- Troubleshooted hardware and software issues, ensuring smooth operation for faculty and staff.
- Supported automation with PowerShell/Bash scripts to streamline software deployment and inventory tracking.
- Provided end user support by resolving issues quickly, documenting solutions, and ensuring user satisfaction.

- Performed end-of-life asset management efforts for all sorts of computing and camera equipment, such as testing, documenting, repairing, preparing for public auction, and facilitating pickup.
- Worked in evergreening efforts to receive, process, prepare, and deploy new workstations.

Office Administrative Assistant – Stargate Logistics, Mississauga, ON

July 2020 - October 2022

- Tracked equipment, updated records, and completed data entry tasks with high accuracy.
- Responded to staff requests promptly, maintaining strong organization and dependability.
- Supported logistics operations across multiple locations as needed.

PROJECTS

PhishDiff – AI-Based Phishing Detection Tool (In Progress)

Python, FastAPI, OSINT, Machine Learning

- Developed a phishing detection system that analyzed sender details, content, and URLs.
- Applied OSINT and language-based analysis to identify suspicious indicators.
- Created explainable outputs to help users understand why an email was flagged.

Network Traffic Analysis & Monitoring

Wireshark, Event Viewer, Registry, Windows Defender

- Investigated suspicious activity on Windows systems using logs and registry data.
- Analyzed network packets to find unusual traffic patterns and possible issues.
- Identified and corrected configuration weaknesses using basic security principles.

SQL Injection Security Testing

MySQL, SQL Server, Jira

- Performed SQL injection tests to find weaknesses in database queries.
- Documented findings and remediation steps in Jira and Confluence.
- Contributed secure configuration recommendations to prevent vulnerabilities.

LEADERSHIP & INVOLVEMENT

Peer Mentor – Sheridan College

January 2023 - April 2025

- Assisted students in navigating college systems such as SLATE, myStudentCentre, and SharePoint.
- Provided front-line support during student orientations and campus events, offering clear navigation of Sheridan systems and services.
- Handled sensitive information with discretion while guiding students through academic and administrative processes.

Cybersecurity Activities

- Attended ISSessions cybersecurity talks and demos.
- Participated in CTFs and completed hands-on labs (TryHackMe).

CERTIFICATIONS & AWARDS

• Collaborative Online International Learning (COIL) – Certificate of Participation

Recognized for dedication to international teamwork and cross-cultural collaboration.

• Nominee – Sheridan College Co-op/WIL Exceptional Student Award

Recognized by supervisors for outstanding performance during work placement and considered for provincial/national-level nomination.