

Ali Raza

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EXPERIENCE

Ontario Power Generation (OPG) - [opg.com](https://www.opg.com)

May 2026 - Aug. 2026

Cybersecurity Co-op

Oshawa, ON

- Conduct third-party vendor risk assessments (TPRM) for prospective tooling, evaluating data classification, access controls, and security posture to identify and document organizational risk.
- Developed a Critical Path Method (CPM) chart to model the TPRM assessment workflow, mapping task dependencies via forward and backward pass to determine minimum process completion timelines.

siberX - siberX.org

Aug. 2022 – Sept. 2025

Developer

Richmond Hill, ON

- [Cybersecurity Event Scraper](#) - Built and deployed an AI-powered web scraper to collect cybersecurity event data from global sources (900+ events), parsed and structured backend data into a frontend-accessible format.
- [ODTN.News](#) - Developed and launched an immersive cyber-themed news platform simulating real-world threat landscapes to market cybersecurity conferences.

COMPETITIONS & CTFs

International CyberSecurity Challenge - icc.ecsc.eu

Multi-day A/D & Jeopardy CTF (Brisbane, Australia)

- Represented Canada in an international cybersecurity competition among top regional national teams
- Analyzed network traffic using custom PCAP tools to identify and mitigate malicious activity
- Leveraged attacker TTPs to develop and execute counterattacks against opposing teams
- Solved OSINT challenges involving multi-source intelligence analysis

CyberSci CTF (Regionals) - cybersecuritychallenge.ca

Canadian National CTF Program (Toronto, Canada)

- 3rd nationally out of 80 university teams (2nd in Toronto regional)
- Solved advanced challenges across web exploitation, cryptography, reverse engineering, and forensics under strict time constraints.

CUCyberSec CTF 2025- cucybersec.club/ctf2025

Carleton University CTF (Online)

- 3rd place out of 30 teams; 7th individually out of 60 participants.

SECURITY RESEARCH

Childsmath (McMaster University Academic Platform) - childsmath.ca

- One click account takeover via CSRF & XSS
- PII Exfiltration via CSRF
- Writeup - blog.aliakber.ca/tags/childsmath/

Reading annotation platform

- One click account takeover via CSRF
- Writeup - blog.aliakber.ca/research/one-click-ato-csrf-email-change/

EDUCATION

McMaster University

Sep. 2025 – July 2029

B.CompSc (Honours)

Hamilton, ON

- Enrolled Fall 2025, aiming to transfer into Honours Computer Science stream.