

Ali-Akber Raza

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EXPERIENCE

siberX - siberX.org

Aug. 2022 – Feb 2025

Developer

Richmond Hill, ON

- [Cybersecurity Event Scraper](#) - Built 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.
- [Ready Set Cyber](#) - Developed website supporting national cybersecurity drills: built data collection forms, integrated submissions into a backend database, and automated participant outreach through Mailchimp audiences.

PROJECTS

ModelViz - modelviz.pages.dev/

TensorFlow, TypeScript, SvelteKit

- Built a browser-based visual aid to help students understand how neural networks fit mathematical functions.
- Users can define layer structure via a UI and observe live training loss changes on plotted functions.

Pwn Panel - pwn-panel.pages.dev

SvelteKit, Tailwind, Cloudflare

- Created a browser-based tool to organize CTF challenges with structured note-taking and command tracking.
- Automated ~80% of routine CTF tasks (scanning, parsing, note-taking)
- Used by a team in 5+ competitive CTF events.

Firefox Development - bugzilla.mozilla.org/user_profile?user_id=738995

Open Source, Bug Fixing, Javascript, C++

- Collaborated with ~10 developers in the triaging, debugging, and resolution of browser issues.
- Multiple accepted patches in upstream Mozilla codebase.

DSA Showcase - republic-168.pages.dev/

Object-Oriented Design, Data Structures, Algorithms

- Built a high-performance restaurant search app with filtering, grid map location display, and performance logging.

Personal Website - aliakber.pages.dev/

SvelteKit, Responsive Design, Figma

- Designed and deployed a fully responsive personal site (1k+ views) using mobile-first and accessibility-first design.

EDUCATION

McMaster University

Sep. 2025 – July 2029

B.CompSc (Honours)

Hamilton, ON

- Enrolled Fall 2025, aiming to transfer into Honours Computer Science stream.
- Current Fall Term: Linear Algebra, Engineering Calculus, Discrete Math, Programming Principles.

SKILLS & INTERESTS

Languages: C++, TypeScript, Python, C#, Dart, GoLang

Frameworks: SvelteKit, Flutter, Tailwind CSS

Tools & Environments: Git, Linux, Vim, Bash