Ritvik Goyal

Toronto, ON

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EDUCATION

Victoria Park Collegiate Institute
Toronto, ON

IB Diploma Candidate — Average: 96%   *Sep 2022 – Jun 2026*

- **HL coursework:** Mathematics AA, Computer Science, English Literature
- **SL coursework:** Physics, Economics, French
- **Research:** Conducted technical research on Machine Learning-based Intrusion Detection Systems (IDS), analyzing algorithmic efficiency in identifying network anomalies

EXPERIENCE

Logistics Executive
Sep 2025 – Present

Hackathons Canada   *Remote / Hybrid*

- Coordinated operational logistics for a national community of 4,400+ student developers
- Spearheaded the logistical planning for Hack Canada 2026, managing vendors and venue operations for 1,000+ applicants
- Negotiated partnerships and managed sponsor relations to secure hardware and resources for attendees

Operations Coordinator
Sep 2025 – Present

CUTC Foundation   *Toronto, ON*

- Directed operations for CUTC 2026, **Canada's largest undergraduate technology conference**
- Designed technical workshops focused on Generative AI, designing curriculum to bridge the gap between theory and practical application for 500+ attendees
- Developed strategic relationships with North American tech firms to secure mentorship and sponsorship

Hackathon Lead Organizer
Jan 2025 – Oct 2025

Hack Club   *Toronto, ON*

- Executed two city-wide hackathons, which successfully attracted 100+ participants and raised $20,000+ in corporate sponsorship
- Managed end-to-end event lifecycle, including budget allocation, staff delegation, and participant experience optimization

Junior Automation Engineer
Jun 2025 – Jul 2025

Math Potentials   *Vancouver, BC (Remote)*

- Engineered a custom automated chatbot using Python, reducing repetitive support ticket volume by over 95%
- Developed administrative workflow scripts to automate grading data entry and email dispatch, reducing manual labor hours by 10+ hours weekly
- Collaborated directly with the Programs Director to identify bottlenecks and deploy rapid technical solutions

Software Engineer Intern
Jul 2023 – Jun 2025

STEM·E Youth Career Development   *Remote*

- Developed full-stack educational web applications using Flask (Python) and React, enabling interactive learning modules
- Collaborated with a cross-functional remote team to debug issues and implement responsive UI designs

SELECTED PROJECTS

VicPark Robotics Platform | *Astro, Svelte, TailwindCSS — vicparkrobotics.ca*
Feb 2025

- Architected a high-performance site to showcase the robotics program, utilizing Astro's island architecture for optimal load times
- Developed reusable Svelte UI components to streamline future content updates for the sub-team and blog sections

Panther Press Digital | *Astro, React, Cloudflare Pages — panther-press.pages.dev* Sep 2024
- Built the official digital student newspaper serving 200+ monthly readers, focusing on accessibility and SEO optimization
- Implemented a simple CMS approach to allow non-technical student editors to publish articles seamlessly

mapSTEM iOS | *Expo, Eventbrite API, CoreLocation* July 2024
- Developed and deployed a native iOS application that aggregated STEM events based on user geolocation
- Integrated the Eventbrite API for real-time data fetching and implemented efficient caching strategies to reduce API calls

LEADERSHIP & VOLUNTEER

Event Staff Jul 2025
Hack the 6ix *Toronto, ON*
- Facilitated on-site operations for Toronto's premier hackathon, managing registration and workshops for 400+ hackers

Co-Founder & President Sep 2023 – Present
Game Development Club *Victoria Park CI*
- Founded and scaled a school club focused on game dev; mentored members in Godot fundamentals

AWARDS & DISTINCTIONS

Bronze Medal, CALICO Informatics Competition (UC Berkeley) Dec 2024

Distinction, Canadian Computing Competition (Univ. of Waterloo) Jun 2024

3rd Place, Electronic Recycling Association (ERA) Scholarship 2023

Finalist, Multiple Hackathons including M(IT)^2, GenAI Genesis, and Ignition Hacks

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS
Frameworks: React, Next.js, Svelte, Astro, Flask, Node.js
Developer Tools: Git/GitHub, Firebase, Cloudflare