

Roshan Ramchandani

Surrey, BC • roshan.r.2706@gmail.com • +1 (604) 700-3914 • github.com/roshanr2706 • roshanr.tech

Education

University of British Columbia

Vancouver, BC

Bachelor of Science, Computing Science.

Relevant Coursework: Data Structures, Discrete Math, Systems Programming (in progress)

Expected graduation year of 2028

University of Alberta

Edmonton, AB

Bachelor of Science, Computing Science. GPA: 3.7

2024 – 2025 Transferred to UBC.

Semiahmoo Secondary International Baccalaureate Diploma Program

South Surrey, BC

Graduated with honors and 35 points in the IB Program

Graduation Date: May 2024

Technical Skills

Languages: Python, JavaScript/TypeScript, HTML/CSS

Frameworks & Tools: Next.js, React, Tailwind CSS, Framer Motion, Node.js, Git, Linux

Areas: Web apps, APIs, basic embedded systems, telemetry, UI/UX, testing

Projects

24 Puzzle Game — Python backend + HTML UI (2025)

- Implemented puzzle generation and solution validation APIs; ensured all surfaced sets are solvable.
- Implemented multiplayer with support for multiple rooms

Personal Portfolio Website — Next.js, Tailwind, Framer Motion (2025)

- Designed and shipped a responsive developer portfolio with smooth animations and section-based routing.

CanSat Telemetry & Payload Software — Embedded C/Python, UI (2023)

- Developed embedded software & a telemetry interface for a CanSat payload for the Canadian national competition.
- Integrated sensor sampling, packetization, and a desktop UI to visualize altitude/temperature in realtime.
- Team won the Technical Achievement award; contributed on engineering, software, and outreach subteams.

Experience

Chick-Fil-A

Edmonton, AB

Front of House Team

Nov 2024 - May 2025

Member

- Provided exceptional customer service by greeting guests, taking orders, and ensuring accuracy
- Maintained a clean and organized dining area, ensuring compliance with health and safety regulations
- Assisted in training new team members, improving onboarding efficiency and team performance

Save-On-Foods

White Rock, BC

General Clerk

Jul 2025 - Present

- Front end general clerk

Leadership & Activities

Robotics Club Executive and CanSat Team member

Vancouver, BC
Sep 2022 - May 2023

- Part of Semiahmoo Secondary's CanSat Team in 2023 which achieved the technical achievement award at the national competition.
- As part of the engineering, software and outreach teams I participated in building the CanSat itself as well as working on a website that allowed us to garner over CAD \$5000 in sponsorships.

Happy Hackers Foundation

Vancouver, BC

Website and Competition manager

Sep 2023 - May 2024

- Competition manager: Answered questions asked by participants. Ensured the events ran smoothly.
- Website management: Built and continually updated a website which served as outreach allowing over 200 participants from over 20 countries to attend as well as allowed the foundation to connect with over 10 sponsors and offer prize packages totaling over CAD \$10000

Salmon Hatchery

Vancouver, BC

Volunteer

Sep 16, 2023 - Oct 07, 2023

- Volunteered at a salmon hatchery in lower mainland BC where salmon were kept until they were ready to be released into natural habitats.