Alexander Li

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Education

Simon Fraser University, Concurrent Studies — Sept 2024 – Apr 2025

- **cGPA: 4.33/4.33**
- Coursework: C/C++, Object Oriented Programming

Fraser Heights Secondary School — Sept 2023 – June 2025

- Cumulative Average: 97%

Experience

Web Developer, XdHacks Mini – Vancouver, BC — September 2024 – May 2025

- Led the development of a new hackathon site: privathon.xdhacks.org
- Hosted websites using Nginx and Cloudflare
- Redesigned legacy webpages to be more responsive and efficient

Projects

Discard - AI-powered chat moderation — devpost.com/software/discard-1qctd0

- Developed a bot that leverages custom computer vision models and LLMs to scan and moderate online communications
- Originated as a hackathon project and won 1st place at Vancouver Safehacks 2024
- Tools Used: Django (Python), HTML, CSS, JavaScript, Node.js

Scandium - Local code vulnerability scanning — devpost.com/software/scandium

- Developed a Visual Studio Code extension that uses a local LLM to detect security vulnerabilities
- Won the Communications Security Establishment Sponsor Prize at UBC nwHacks 2025
- Tools Used: Ollama, TypeScript, Node.js

Robotics Tournament Management Software — github.com/vex-tournament

- Led a team to build custom software to manage VEX tournaments
- Deployed in district-wide tournaments with over 100 participants
- Automated large portions of tournaments, resulting in shorter wait times and improved organization
- Tools Used: Django (Python), HTML, CSS, Javascript

Competitions

Carnegie Mellon University PicoCTF Cybersecurity Competition — **Ranked 10th out of 700**

- Collaborated in a small team to solve various cybersecurity challenges
- Reverse-engineered and developed software vulnerabilities

Technologies

Languages: C++, Python, HTML, CSS, JavaScript

Technologies: Cloudflare, Linux, Nginx, Django, React, Express.js, Node.js