

Shehwaz Saini

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Motivated high school student in the International Baccalaureate (IB) program with strong interests in software engineering, robotics, and artificial intelligence. Experienced in Arduino, C++, and Python through competitive robotics and personal projects. Completed CS50x, earned a perfect score on the CCC Junior contest, and won regional and national awards in the World Robotics Olympiad. Seeking tech-related part-time work, internships, or mentorship opportunities in Windsor, ON.

Personal Details

Highest Level of Education: Secondary School

Total years of experience: 2

Work Experience

Software Developer - MasseyHacks (Hackathon)

Windsor, ON

May 2025 to May 2025

- Developed "Signify," a web app that translates sign language into text with emotion detection
- Used Python (Flask), Next.js framework (typescript), and OpenCV + tensorflow for real-time video and machine learning integration
- Built frontend and backend in a 48-hour team project environment

High School Investigator

Youreka Canada-Windsor

January 2025 to May 2025

- Worked with undergraduate students to develop a research paper on the general topic of infectious disease
- Compiled and organized data from many sources
- Analyzed data with techniques such as Q-Q plot, linear regression and Pearson's correlation
- Presented poster in front of graduate students and professors

Education

High school diploma or GED

Assumption College Catholic High School-Windsor, ON

September 2022 to Present

Skills

- Organizational skills
- GitHub

- Leadership
- JavaScript
- Python (2 years)
- Technical Troubleshooting
- Microsoft Office
- Flask
- HTML
- Customer service
- SQLite
- Adaptability
- Communication skills
- C++ (Less than 1 year)
- C
- Problem Solving

Awards

World Robotics Olympiad (Regional and National Comp)

May 2025

- Helped Design and programmed AI-driven robots using MicroPython and ESP32 (2 person team)
- Won 1st place in Regional (Toronto) and 2nd place in National (Montreal) competitions.
- Got invited to compete in the Philippines internationally
- Led strategy and testing in team-based problem-solving environments

Perfect Score - Canadian Computing Competition (CCC Junior, 2024)

February 2025

- Note: Official results were withheld due to widespread academic integrity issues*
- Use data competitive coding like data structures and algorithms to complete questions within time limit, and time/space-time complexity

Certifications and Licenses

Harvard CS50X

July 2024 to January 2025

Completed Harvard's CS50X computer science course which helped me level up my computer science skills and understanding.