

Jinay Desai

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EDUCATION

Turner Fenton SS | Brampton ON

IB DP Diploma, OSSD | Top 6 Avg: 97.5

May 2025

TECHNICAL SKILLS

Programming Languages: Java (Advanced), Python (Advanced), C (Intermediate), React (Intermediate), HTML/CSS (Advanced), Flask (Intermediate), RobotC (Intermediate)

Operating Systems: Mac OS, Linux

AWARDS

- Achieved a **99% in Grade 11 Computer Science and a 100% in Grade 12 Computer Science**
- Received a National Distinction in the Canadian **Computing** Contest (Largest programming based competition in Canada)
- Completed and received a **100% on Harvard University's CS50**, a course designed to explore first year university computer concepts

TEACHING EXPERIENCE

Air Cadets Instructor/Flight Sergeant |

August 2022 - PRESENT

- Instruct 3 weekly classes of youth aged 9-16 years old within the cadet program
- Specializing in the STEM based concepts of aviation, learned to explain these concepts in a simple and engaging manner
- Would develop weekly games/activities while following the cadet curriculum in order to keep young students engaged

Vice-President of Education | Turner Fenton HOSA

August 2023 - PRESENT

- Selected to **lead the education department of the largest STEM based club** at my school with over 200+ members and 10+ training coordinator team
- Created a curriculum for competitive success in the national HOSA competition relating to

PROFESSIONAL EXPERIENCE

Robotics Team Captain | Turner Fenton Secondary School | Brampton, ON

June 2023 - PRESENT

- After being a part of my school's robotics team for the past 2 years, I have been selected as the 2024-2025 Robotics Team Captain
 - Currently competing in high school level VEX
- Teaching a club of over 80 individuals, topics including LEGO Robotics, VEX Robotics, Robot C and more
- Overseeing a team of 7 Executives, and 15 members, all selected exclusively from a pool of over 100 candidates

International Finalist | HOSA Canada | Creative Problem Solving

Sep 2022 - June 2023

- Represented Team Canada in HOSA at ILC 2023 in Dallas, TX. Out of a pool of over 5000 competitors, selected among the top 200 to compete internationally. During the conference, my team placed 10th globally.
- Significantly improved my **public speaking** and **customer service** skills