

Hargun Sibal



hargunsibal.me



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SKILLS

Design

Advanced MS Office experience (Word, PowerPoint, Excel), Adobe Creative Suite, Figma

Tools & Languages

Python
HTML
CSS
JS
Github
Scikit-Image
OpenCV

AWARDS & SCHOLARSHIPS

DECA VBC (Virtual Business Competition) ICDC Qualifier and **Top 10** International Award

Gerald G. Hatch LTD Scholarship for Academics and Innovation - **\$8000**

Ontario Principals' Council Award For Student Leadership - **\$100**

Iroquois Ridge High School Model UN Award - **\$100**

President's Scholarship with Distinction (Entrance scholarship for achieving a **95%+** admission average) - **\$2000**

WORK EXPERIENCE

Hatch LTD Technology Engineering Intern

Jun - Aug 2021

Developed and debugged software using Python with libraries including OpenCV and Scikit-Image for a vision system in a coilbox circularity plant to create a more precise and repeatable way to identify poor coil shapes.

Researched and used various filtering techniques in Python including RANSAC mapping algorithms and background subtraction. Used these methods for edge detection and to eliminate obstructions to reduce future image processing of the coilbox and to make sure that it is in ideal condition for clients use.

Spirit of Math Schools Assistant Teacher

Sept 2017 - Jun 2021

Taught high school and elementary school students in an accelerated and gifted math program. Collaborated with students, teachers, and parents to promote a supportive learning environment and demonstrated adaptability in a fast-paced environment.

Ashlin BPG Summer Intern

Jun - Sept 2017

Directed and created promotional stop motion videos for wallets, purses, and handbags.

Used Adobe Photoshop and iStopMotion to create the videos which were then uploaded on Youtube.

EXTRACURRICULARS & PROJECTS

Ontario Youth Medical Society Website

Jun - Sept 2021

Collaborated with a small team and redesigned and developed a website for the Ontario Youth Medical Society. Built the website with HTML, CSS, and JS. Streamlined the design and planning process using Notion. Used an online API connecting the website to a spreadsheet to store users' information that they entered.

Increased traffic to the page by 110%, servicing over 200 users.

Shad Fellow

Jul 2019 - Present

Participated in a one-month-long entrepreneurial program at the University of Calgary alongside 63 other high-achieving secondary school students.

We were tasked to collaborate and design business proposals for a central problem. My group designed a container holding plastic-eating bacteria called Ideonella Sakaiensis as a solution to Canadian waste, which was awarded the Best Business Plan.

Trailhacks Hackathon

Sept - Dec 2020

Co-founded and planned a local Hackathon that was held for 40+ students in the HDSB to help destroy the monotony of the whole virtual environment.

Focused specifically on getting sponsors, promotion, and creating and hosting a workshop related to the fundamentals of coding.

EDUCATION

University of Waterloo

2021 - 2026 (Expected)

Candidate for BAsC. in Systems Design Engineering

Relevant Courses: Digital Computation, Graphics Lab (Onshape), Introduction to Design