Hargun Sibal

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in **@hargunsibal**

SKILLS

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

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 using Github, to design and develop a website using HTML, CSS, and JS. 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