

SIDHARTH SUDARSAN



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PROFILE

An aspiring software engineer, photographer, designer and a leader channeling his passion into making a difference. Self-motivated student blending his talents and acquired skills to explore technology in Computer Vision and Image Processing. Inherently inquisitive thinker who grasps new skills and concepts quickly. Fluent in English, Malayalam and Hindi.

EDUCATION

Lassonde School of Engineering | York University

Software Engineering, B.Eng. | 2018 - present

Lassonde Outstanding International Student Award recipient

Technion - Israel Institute of Technology

Startup Entrepreneurship | May 2019

Under the guidance of Prof. Shlomo Maital

RELEVANT COURSEWORK

Computational Thinking | *MATLAB*
Advanced Object Oriented Programming | *Java*
Computer Architecture | *Verilog, RISC V*
Software Tools & Embedded Systems | *bash, C*
Fundamentals of Data Structures
Electrical Circuits
Discrete Mathematics
Applied Multivariate & Vector Calculus
Engineering Design Principles
Effective Engineering Communication

EXPERIENCE

Vice President of Media

Lassonde Student Government | April 2019 - present

Facilitate to satisfy the media related needs of the student council of Lassonde School of Engineering and its initiatives. Help establish Lassonde Student Government's brand identity and create digital content for outreach. Hire and manage a creative team consisting of a graphic designer, web developer and video editor.

Lead Organizer

Elle Hacks 2019 | December 2018 - February 2019

Responsible for handling sponsorship and all logistical aspects of Canada's largest all-female student-run hackathon. Managed a team of volunteers to ensure smooth operation of the 36 hour event. Incorporated new methods using QR codes and cloud based services to make registration and communication efficient. Established partnerships with several companies as sponsors and raised \$10,000.

Design Director

Hult Prize Toronto Regionals | January 2020 - April 2020

Primarily responsible for digital content creation for Toronto Regional Summit. Working closely with the Regional Director to define and plan operations. Been working with personnel from the Hult Prize foundation for over a year. Attended the Hult Prize Finals 2019 at UNHQ, New York as a guest.

PROJECTS

Venn Diagram Desktop Application

Developing a Venn Diagram Builder Desktop Application with a team of four people over the course of a semester. The application allows the user to create a venn diagram to visually represent various types of data sets. The diagram will be generated given some data as the input. It can also be customized using the editor interface. The software is developed using the Java GUI library *JavaFX*, version control systems (*Git*) and build tools (*Gradle*). Application will be unit and function tested with *JUnit*.

e-volve (Technion 2019)

The Technion-Lassonde course is a three-week intensive entrepreneurial training program engaging industry professionals and entrepreneurs who share their startup experiences. Researched problems in the current situation and surveyed significant users to verify the problem. Won the title of "Most Environmentally Valued Startup" for e-volve, a startup innovating in the field of electronic waste disposal by making the waste collection process convenient for users.

SKILLS

Computer Languages

Bash, C, Java, JavaScript, HTML, CSS, MATLAB, Python

Software & Tools

Eclipse, Git, JUnit, \LaTeX , Gradle, Maven

Design & Photography

Adobe | Photoshop, Lightroom, Illustrator, Premiere Pro