# SHUBH SEHGAL

## CONTACT

shubhsehgal007@gmail.com

647-515-3086

linkedin.com/in/shubhsehgal

shubhsehgal.github.io

## SKILLS

Python

Java

HTML

CSS

JavaScript

Autodesk Inventor (CAD)

MS Office

## HACKATHONS

StarterHacks – University of Waterloo, January 2019

DeltaHacks – McMaster University, January 2019

## LANGUAGES

English

Hindi

## SUMMARY

First year engineering student at McMaster University and aspiring Software Engineer. Working knowledge of multiple programming languages through various projects and courses. Excellent team-working and problem-solving skills developed through active participation in various organizations, clubs, hackathons, and volunteer positions. Constantly seeking opportunities to learn, improve, and develop skills.

## EDUCATION

**Bachelor of Engineering – McMaster University**          September 2018 – April 2022 (Expected)

## PROJECTS

### Gratitude – Volunteering Web Application
- Designed and programmed a website to help high school students find volunteer positions and keep track of their volunteer hours for a grade 12 computer science project
- Constructed an elegant and intuitive user interface using HTML and CSS
- Utilized JavaScript to store/get information from users, as well as retrieve/display information to users
- Effectively communicated the concept, practicality, and benefits of the application to a panel of judges during the Dragon's Nest business competition

### Pokémon Battle Simulator – Text Based Pokémon Game
- Created a text-based game to simulate a Pokémon battle between player and computer using modular code written in Python
- Applied object-oriented programming principles to create various Pokémon and the moves available to them

### Saveify – Student Budget Planner
- Designed and programmed a website to give University students advice to help cut monthly expenses based on their current spending habits for StarterHacks 2019
- Utilized HTML, CSS and JavaScript to make the website interactive with an appealing and easy to use interface

## EXTRA-CURRICULAR INVOLVEMENT

### Member and Competitor – McMaster SumoBot Club          January 2019 – Present
- Currently designing, building and programming an autonomous robot to compete in the upcoming McMaster SumoBots Competition
- Utilizing an Arduino to program the robot and control the hardware components

### Trainer and Participant – DECA          September 2015 – June 2018
- Researched and developed solutions for real business problems
- Demonstrated strong communication and presentation skills through presenting business proposals to judges
- Taught general members report writing tips and guidelines for making powerful presentations

## VOLUNTEER EXPERIENCE

### Gift Shop Volunteer – Brampton Civic Hospital          March 2017 – December 2017
- Interacted with customers and assisted them in choosing gifts for their loved ones
- Managed the cash register and learned to perform under pressure during busy hours.