

Devansh Singh

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Personal Profile

Enrolled in level 2 of the 4-year Honors Computer Science Co-op program at McMaster University .

Interests in algorithms, and machine learning , established strong programming skills in Python with course work and project work

Education

Bachelor of Applied Science, Honours Computer Science

McMaster University , Hamilton, ON

Sept 2022 - April 2027 (projected)

- Awarded the McMaster Award of Excellence for achieving an average over 97 %
- Current cumulative GPA → 3.91 [4 point scale]
- Relevant courses: Intro to Programming , Intro to Computational Thinking , Software Design using Web Programming , Development Basics

Projects

Language Translator

Grade Received : - 100%

Dec 2022 - Jan 2023

- Created a Language Translator using IBM watson API and python , translator right now is set to convert from French to English and vice versa
- Made the web application using Flask also did Unit testing on the Python code and created a Python package , this project was a part of a project based Coursera course namely Python Project for AI and Application Development by IBM
- **Technical Skills:** Python, Flask, Web Application , Web Services API , Unit testing
- **Fields covered:** Artificial Intelligence (AI) , Application development

Invisibility-Cloak

Self Project

Jan 2023 - Feb 2023

- Invisibility Cloak inspired by Harry Potter makes the specified colour invisible(imposes the background above the colour (Masking) to give an effect of an invisibility cloak)
- Made using Python's OpenCV library , Currently Set to make the colour Green invisible
- **Technical Skills:** Python, OpenCV, Masking.
- **Fields covered:** Python , OpenCV , numpy , Masking

Portfolio Website

Self Project

July 2023

- A Portfolio Website made using HTML,CSS,JS , etc .
- This is my personal project to showcase my skills in the field of web development and talk more about my passion for computing and also includes easy to use forms to contact me .Click on the heading to go to the website .
- **Technical Skills:** HTML , CSS , JavaScript , React , Node.js
- **Fields covered:** Web Development

Skills

Proficient Languages : Python (Pandas , NumPy, Scikit-learn) , Java

Familiar Languages : C , Elm , SQL , Haskell

Miscellaneous : HTML , CSS , JavaScript , React , Node.js , Linux, Shell (Bash/Zsh), LaTeX, Microsoft Office , Git , GitHub

Soft Skills : Time Management, Teamwork, Problem-solving

Extracurricular Activities

Computer Science Society

Academic Executive

Jan 2023 - Present

- Member of the Academic team responsible for organising and managing Review/Study sessions for students and providing academic help to students .

Clubs

McMaster Game Development Club , McMaster Artificial Intelligence Society

Languages

English Professional proficiency

Hindi Native proficiency