Devansh Singh

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Personal Profile

Enrolled in level 1 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 —> 3.867 [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

TimeZone Converter

Self Project   *Feb 2023*

- A timezone converter app GUI made in Java using Java Swing
- Include error or exception or invalid input handling and also includes a toggle-able dark mode feature , all 38 time Zones around the world are available as valid options to choose from
- **Technical Skills:** Java , Java Swing
- **Fields covered:** GUI development , App development

Skills

Proficient Languages :	Python (Pandas , NumPy, Scikit-learn) , Java
Familiar Languages :	C , HTML , Elm , SQL , Haskell
Miscellaneous :	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