Shradhey Naudiyal

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EDUCATION

Year	Degree/Exam	Institute	SGPA/Marks(%)
2025	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.27 (till 6th sem)
2021	class 12 ISC	Mussoorie Public School	92 %
2019	class 10 ICSE	Mussoorie public school	84 %

PROJECTS

- **Automated Multilingual Video Subtitling System***(June, 2024)*

  - **OpenAI Whisper| Python | Gradio**
  - Engineered an automated system with OpenAI Whisper for high-accuracy transcription and subtitle synchronization in multilingual videos.
  - Integrated a user-friendly Gradio interface for easy video uploads and subtitle generation.

- **Hand Sign Language Detector** *(Oct, 2023)*

  - **Python | OpenCV | Keras**
  - Developed a Machine Learning based system to recognize and predict ASL hand signs, utilizing deep learning techniques for high-accuracy classification from images.
  - Enhanced communication by translating ASL hand signs into corresponding letters, supporting the deaf and hard-of-hearing community.

- **Web Scraper** *(May, 2023)*

  - **Python | Scrapy**
  - Created a web scraper to extract data from websites and store it in JSON or XML format for future prediction and analysis.
  - Utilized Python libraries, such as Scrapy, to navigate and parse web content efficiently.

TECHNICAL SKILLS

- **Languages**: C, C++ , Java, Python, HTML, CSS, SQL, JavaScript.

- **Tools and Frameworks**: Node.js,React.js ,Jupiter ,Oracle Database, MySQL.

- **Coursework**: Data Structures and Algorithms, Object Oriented Programming, Operating System, Machine Learning, Database Management System

ACHIEVEMENTS

- **Hackathon -** Secured 5th rank in a 24 hour hackathon organised in the university.
- **Seminar -** Organised a seminar on Cyber Security which was attended by 500+ students.
- **IEEE Community -** Launched a community under IEEE to improve the coding culture at the university which benifited over 100 students.
- **Problem solving -** Solved over 250 competitive programming problems on platforms like VScode, Leetcode and Geekforgeeks .

POSITIONS OF RESPONSIBILITY

- **Vice Chairperson IEEE Student Branch GEHU:** Actively organised and managed various coding competitions,seminars, technical and cultural events.
- **Member, Co-dev Club:** Facilitated knowledge-sharing sessions and various events as a member in Co-dev Club.