Tanya Tiwari
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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
July, 2021 - July, 2025	B.Tech in Computer Science	Graphic Era Hill University, Dehradun	8
2021	C.B.S.E	Kendriya Vidyalaya sec-5	83.83 %
2008	C.B.S.E	Kendriya Viyalaya sec-5	87.80 %

INTERNSHIPS

- **DRDO, Ministry of Defence (July, 2023 - Sept, 2023) :**
  Developed a GUI-based Image Steganography Tool using Python.
  Integrated the Least Significant Bit (LSB) algorithm to securely hide and reveal text messages within images.

PROJECTS

- **AI Desktop Assistant** (Jan, 2023 - Feb, 2023) : Built an AI assistant using Python, incorporating speech recognition, text-to-speech, and Wikipedia API for information retrieval.
  The assistant supports voice commands for tasks like opening websites, playing music, and performing searches.

- **Digits Game** (July, 2023 - Sept, 2023) : Developed a Cognitive Skills Improvement Game using Python (Tkinter) to help users arrange sequences of digits. Integrated database connectivity for storing user results and tracking progress.

- **Image Steganography** (July, 2023 - Aug, 2023) : Developed a Python-based system using the LSB (Least Significant Bit) method in Python to securely hide and extract messages within images, ensuring high imperceptibility and data integrity.

- **Social Distancing** (Nov, 2023 - Dec, 2023) : Designed a real-time computer vision system to ensure social distancing adherence, enhancing public health safety.

- **Language Translator** (Mar, 2024 - Apr, 2024) : Created a Language Translator using the Googletrans API to support multilingual translation for user inputs..

TECHNICAL SKILLS

- **Programming Languages:** Python (Proficient), C (Proficient), C++ (Proficient), HTML, SQL, PHP, Java

SKILLS

- Problem Solving & Analytical Thinking

- Multitasking & Time Management

- Strong Communication Skills

- Fast Learning & Adaptability