

Simran Pathak

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks%
2021- 2025	B.TECH Computer Engineering	Graphic Era University,Dehradun	8.86/10
2020- 2021	12th	KV ITBP Dehradun	85.8%
2018- 2019	10th	KV ITBP Dehradun	94.0%

SKILLS

- **Languages:** C (proficient), C++(proficient), Java, Python.
- **Frame Work:** Html, Css, Java script, Php.
- **Tools/ Platform:** Tensorflow, Opencv, Scikit learn, Mysql, Oracle database, Microsoft office, Google cloud.
- **Graphic Designing:** Canva, Figma.
- **Soft Skills:** Adaptability, Analytical thinking, Communication skills, Project management, Problem solving skills, Team player.

PROJECTS

- **Face recognition attendance system** Jan2023-Feb2023 [Link](#)
 - **TOOLS** : Python, opencv, Nltk, tkinter.
 - Designed and implemented a cutting-edge facial recognition attendance solution which streamlined the process for academic institutions, resulting in immediate identification capabilities with an accuracy level reaching 87%.
- **Obstacle avoidance robot car** June 2023-Aug 2023 [Link](#)
 - **TOOLS:** Arduino uno, C, hardware(ultrasonic sensor,dht11 sensor).
 - Engineered an autonomous obstacle avoidance car equipped with a Microcontroller and Ultrasonic sensors, achieving obstacle detection capabilities with 90% accuracy while navigating complex environments.
- **Hate Speech Detection** Jan 2024- Feb 2024 [Link](#)
 - **TOOLS:** python, numpy.
 - Developed a system to identify and classify the intensity of hate speech in each comment/tweet, using natural language processing (NLP) techniques. By training a model on labeled data and categorize tweets based on varying levels of harmful or offensive language with 87% accuracy.

CERTIFICATIONS

- Google cloud certified - cloud digital leader (Google).[Certificate](#)
- Network defence essentials (Ec Council).[Certificate](#)
- Tensor flow developer exam (Tensor flow).[Certificate](#)
- Building AI powered chatbots without programming (IBM skills).[Certificate](#)

ACHIEVEMENT/INTERNSHIP

- Won Fintech hackathon organised by IIIT Delhi ,E summit award.[Certificate](#)
- Finalist HacKadthon organised by IIITDM Kancheepuram.[Certificate](#)
- Research internship under Graphic Era University. [Certificate](#)