

## Arpit Arya

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### ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2022 - Present	B.TECH in Computer Science	Graphic Era Hill University Dehradun	7.55 CGPA
2021	12 <sup>th</sup> C.B.S.E.	Nalanda Academy	83.6%
2019	10 <sup>th</sup> C.B.S.E	Nalanda Academy	86.6 %

### PROJECTS

- **ML-Based CPU Scheduler** (March, 2025) :A machine learning-powered tool that predicts the optimal CPU scheduling algorithm for diverse workloads. Designed to assist OS designers, students, and researchers in making data-driven scheduling decisions.
- **Weather Forecasting App** (May, 2024) : Designed and developed an web app using python which gives the weather forecast fetched from API.
- **Speech To Text or Text To Speech** (May, 2024) :Developed using Python. Utilized the Speech Recognition library to convert spoken words into text and the gTTA (Goolgle Text-To-Speech) library to generate speech from text input .The project enables seamless communication by allowing users to convert speech into readable text and vice-versa. Implemented with a simple GUI using Tkinter for easy interaction.

### TECHNICAL SKILLS

- **Languages:** Python , C , C++ , HTML , CSS , Data Structure Using C , SQL.
- **Machine Learning:** Scikit-learn, TensorFlow.
- **Frameworks and Technologies:** Github, Git, MySql
- **Developer Tools:** VS code, Eclipse

### POSITIONS OF RESPONSIBILITY And Extracurricular

- Active NSS Volunteer .
- Organized freshers for my department.

### Interest And Hobbies

- Trekking
- Badminton