

ADARSH UPADHYAY

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EDUCATION

Amar Nath Vidya Ashram Senior Secondary School , Mathura, Uttar Pradesh 10th, CBSE	Session: 2018 — 2019 Percentage: 87
Amar Nath Vidya Ashram Senior Secondary School , Mathura, Uttar Pradesh PCM, 12th, CBSE	Session: 2020 — 2021 Percentage: 81
Sharda University , Greater Noida, Uttar Pradesh Bachelor of Technology, Computer Science With Specialization in AIML	August 2021 — July 2025 Overall GPA: 7.6

EXPERIENCE

App Genesis Soft Solutions Pvt Ltd. Hyderabad, Andhra Pradesh
Data Scientist Intern May 2024 - July 2024

- Analyzing Data and making patterns from it.
- Working with team to create predictions and forecasting models.
- Maintaining data of daily work.

PROJECTS AND PUBLICATIONS

Smart Parking System Greater Noida, Uttar Pradesh
Publication Link May 2023

- Purpose : Automated systems can significantly enhance the management of parking lots.
- Programming : Python, MySQL
- Recording Outcome : Observing the performance of the model and storing results.
- Optimization of Model : Iteration through the process to optimize.

A Futuristic Approach to Driver Drowsiness Detection and Prevention Using OpenCV And HAAR Software Greater Noida, Uttar Pradesh
Publication Link May 2024

- Purpose: detecting facial and eye movements in real-time and using geometric techniques.
- Model Used: eSpeak module, eye aspect ratio, yawn detection, OpenCV, and HAAR software.
- Training: Training the model.
- Recording Outcome : Observing the performance of the model and storing results.
- Optimization of Model : Iteration through the process to optimize. Project description and contributions

Analysis of Enhanced HMMs Greater Noida, Uttar Pradesh
Publication Link August 2023 - December 2023

- Purpose : Analyzing and Comparing Various methods and extensions of the hidden markov models.
- Methods : K-Fold, Sliding Window, CT-HMM, Hybrid HMM (ARIMA).
- Training : Training the model for 80 to 100 epochs.
- Recording Outcome : Observing the performance of the model and storing results.

SignSpeak

Ongoing

- Purpose : designed to bridge communication gaps between sign language users and those who don't understand sign language by automatically translating sign language into text or spoken language.
- Model Integration : Python, Computer Vision, machine learning, and natural language processing (NLP)
- Recording Outcome : Observing the performance of the model and storing results.
- Optimization of Model : Iteration through the process to optimize.

SKILLS

- **Relevant Coursework:** Machine Learning, Deep Learning, and Data analysis.
- **Programming:** Python, Django, SQL
- **Software:** Excel, Visual Studio Code, Google Colab, Power BI
- **Language:** Hindi, English.

CERTIFICATIONS AND COURSES

- A certificate of completion for the Introduction to Artificial Intelligence course was provided by Infosys.
- Completed various courses in NPTEL.
- Complete the MySQL course at Oracle.