Mahendra Kumar

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3rd year B.Tech Computer Science student at Lamrin tech Skills University with excellent academic record and keep interest and practical exposure in the field of Data Science .

Education

B.Tech, Computer Science & Engineering   2023-2027
Lamrin tech skills University, Pursuing

12th (Senior Secondary Examination)   2022
CBSE Board, 85%
10th (Secondary Examination)   2020
CBSE Board, 89.88%

Technical Skills

- Programming Languages – C, C++, Java, Python
- Data Science – Tableu, MySql , Data-analytics ,Power Bi

Research Paper

International Conference on Research Trends in Mathematics And Data Science ICRTMDS-2024
1st-2nd March, 2024

Graph theory, a cornerstone of discrete mathematics, serves as a powerful framework for modelling and analysing relationships among objects. This abstract delves into the intricate landscape of graph theory, highlighting its fundamental concepts, diverse applications across various disciplines, and promising avenues for future research.

Academic Projects

1. Image Caption Generator using CNN (Given by IBM)

In this project, we use the Flicker8k dataset to train our model. The model can then generate real image captions for any random image we provide as input, describing all the activities occurring in the image in a human-readable format (English).

2. Smart Street light using IOT

In this project, we focus on street lighting with the goal of reducing power loss. Specifically, when there is no movement near the pole, the light automatically reduces its intensity by up to 30 percent. If any movement is detected near the pole, the light's intensity increases back to 100 percent. We use sensors to detect movement.

Trainings & Workshops

- One Month of Java Training Program (Certification)   July-August 2024

Achievements

- Secured All India Rank 162790 (82.20%ile) in JEE 2022
- Represent a research paper – International Conference on Research Trends in Mathematics And Data Science ICRTMDS-2024

Extra-curricular Activities

- Completing NCC (A) Certificate in school (2018)
- One time regional player in Kho-Kho.
- One time AIU player in WOSHU.
- Hobbies include reading Books, Coding ,learning new technology ,Playing Cricket, Doing Yoga.