ADITYA SHARMA

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EDUCATION

Indian Institute of Information and Technology, Jabalpur   2024 - Present
M.Tech in AI &ML   6.5 CGPA

Dr A P J Abdul Kalam Technical University,   July 2018 – July 2022
B.Tech in Computer Science and Engineering   7.49 CGPA

Board of High School and Intermediate Education, Uttar Pradesh (BHSIEUP).   July 2017 – July 2018
12th-   78.2%

Board of High School and Intermediate Education, Uttar Pradesh (BHSIEUP).   July 2017 – July 2018
10th-   86.6%

SKILLS

Programming Languages: C, C++, Python

Data Structures & Algorithms: Arrays, Linked Lists, Trees, Graphs, Stacks, Queues, Heaps, Sorting, Searching

Operating Systems: Process Management, Memory Management, Scheduling Algorithms, Deadlocks, Threads

DBMS: ER Model, Normalization, Functional Dependencies (FD), File Indexing

PROJECTS

Community Detection in Social Networks using Different Algorithm & Compare
- Implemented and analyzed various community detection algorithms such as Louvain, Girvan-Newman, and Label Propagation to identify meaningful clusters in social networks.
- Developed a comparative study evaluating algorithm performance based on modularity, execution time, and accuracy in detecting real-world communities.Deployed the final model using a simple web interface for easy access and testing.

Exploring the Impact of CHATGPT on Education: A Web Mining and Machine Learning Approach

ACHIEVEMENTS

- Qualify GATE 2024 in Computer Science with AIR-8532 (Marks-36.2).

INTERESTS

Reading books, Playing Outdoor Games, Yoga & Exercise, Spirituality