

Aman Kumar

Research Scholar

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📍 Narnaul (Hr.), India

🚩 Indian

📅 14-04-2000

🌐 <https://github.com/Amankardam>

🔊 <https://medium.com/@amankardam>

🌐 <https://www.linkedin.com/in/aman-kardam/>

🧠 Skills

Python

Deep Learning

Machine Learning

Cyber Security

C++

Tensorflow

Github

📄 Certificates

Python-Introduction to Data Science and Machine learning A-Z

HackerRank SQL (Intermediate) Certificate

HackerRankPython Certificate

Automate the Boring Stuff with Python Programming

🏆 Awards

UGC Net JRF
University Grants Commission

UGC Net
University Grants Commission

GATE
Indian Institute of Science, Bangalore

🎓 Education

Secondary, HBSE Board

Saraswati Bal Mandir Sr. Sec. School, Narnaul
2016 | Narnaul, India

Senior Secondary, CBSE Board

Yaduvanshi Shiksha Niketan, Narnaul
2018 | Narnaul, India

B. Tech + M. Tech

School of Engineering, Jawaharlal Nehru University
2023 | New Delhi, India

Audio Hiding Inside an Image using Different Metaheuristic Algorithm

Ph. D. in CSE

School of Engineering, Jawaharlal Nehru University
2025 – Present | New Delhi, India

Malware Analysis & Detection

📖 Publications

Hemodynamic Simulation Approach to Understanding Blood Flow Dynamics in Stenotic Arteries

International Journal of Scientific Research in Science and Technology, Technoscience Academy
12/12/2024

Importance of Secure Communication in the Era of Globalization

National Conference on Local Governance in India @ 75: Issues, Challenges, and the Contemporary Developments, Jawaharlal Nehru University, New Delhi, India
21/03/2023

📁 Projects

College Management System

- Implemented using Html/CSS/Javascript.
- Used PHP for backend
- Can manage students, faculties, courses, Marks etc which are interconnected as we used mysql (Relational Database).

Hand written Digit Classification

- MNIST Dataset is used.
- Convolution Neural Network is used for digit classification

Object Detection & Segmentation

- Used pretrained model and applied fine tuned on custom dataset.

Hiding Audio inside the Image Using 5 Metaheuristic Algorithm

- The wav File is embedded into the PNG image.
- Audio is converted into bytes, then bytes are converted into the bitstream.
- Audio is embedded into image using ALO, CS, MFO, HHO & FA Algorithms.