

# Aman Kumar

## Research Scholar

✉ kardamrajbir.rs@gmail.com

☎ 9138296715

📍 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

## 🎓 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.