

# HARSHITA GUPTA

Junior at CSE IIT Jodhpur

@ gupta.75@iitj.ac.in  
+91-6367576203

## EDUCATION

### IIT JODHPUR

B.Tech in Computer Science and Engineering  
Expected May 2024 | Jodhpur, India  
CGPA: 6.88/10 (up to 4th sem)

### Children's Academy Convent School

Class 12 | C.B.S.E Board  
Grad. Jun 2020 | Alwar, Rajasthan  
Percentage: 92.2%

### St. Anselms Sr. Sec. School

Class 10 | C.B.S.E Board  
Grad. Jun 2018 | Alwar, Rajasthan  
Percentage: 93.6%

## SKILLS

### PROGRAMMING

Proficient: • C++ • C • Python • Java  
Familiar: • JavaScript

### DEVELOPMENT

• HTML • CSS • Android Studio

### FAMILIAR

• Node.js • MATLAB • Django • MySQL

### OTHER SKILLS

• VS Code • Adobe After Effects  
• Machine Learning • Google Colab  
• Product & Management  
• Adobe Premiere Pro • Git and Tools

## LINKS

Portfolio: Harshita Gupta

LinkedIn: Harshita Gupta

GitHub: Harshita-1107

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Pattern Recognition and Machine Learning  
Software Engineering  
Discrete Mathematics  
Foundations of Quantum Information  
Operating Systems\*  
Database System\*  
Computer Architecture\*  
\*Ongoing Courses

## PROJECTS

### Implementation of Private Cloud with Old HPC servers | Project June 2022 – Present | Mentor: Dr. Suman Kundu

- The aim is to provide an open-source solution to build a private cloud with Old HPC servers.
- Implement a private cloud wherein we can share hardware resources to reduce the cost of IT services of an organization.
- Hands-on experience of working on a live server of the institution.

### ONLINE VOTING SYSTEM | Github

Feb 2022 – May 2022 | Mentor: Dr. Debasis Das

- It is a desktop application made with socket programming in Python. It uses flask, synchronous multithreading methods.
- The project aims to increase the voting percentage and remove human fallibility from the tabulation process of Election.

### HEART FAILURE PREDICTION | COURSE PROJECT | Github

March 2022 – April 2022 | Mentor: Dr. Richa Singh

- In-depth research followed by an analytical and quantitative comparison between different Random forest classifiers, Decision Trees, XGBoost Classifier, LightBGM Classifier, and K-NN Classifiers.
- Predict Cardiovascular disorders(CVDs) based on data set that provides patients information through Machine Learning Techniques.

## ROLES AND RESPONSIBILITIES

- 2022: Assitant Head of Design & Creativity Team of Varchas'22, IIT Jodhpur
- 2021-Present: Overall Co-ordinator of Frame-X, IIT Jodhpur

## ACHIEVEMENTS

- 2020: Among top 0.5% of 1.2 million Applicants in JEE-2020
- 2020: Secured Rank AIR 5977 in JEE-2020

## EXTRA-CURRICULAR

- 2018: STATE-LEVEL Basketball Player
- 2017: GOVERNOR AWARDEE Bharat Scouts and Guides Rajasthan