

# UTKARSH UTSAV

Indian Institute of Information Technology, Gwalior

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## EDUCATION

Integrated Post Graduate(B.Tech + M.Tech)  
**Indian Institute of Information Technology, Gwalior**  
📅 July 2015 – May 2020

Senior Secondary (CBSE)  
**Gyan Niketan Patna**  
📅 Mar 2012 – Mar 2014    PERCENTAGE: 94.6%

Secondary (CBSE)  
**BD Public School Patna**  
📅 Mar 2010 – Mar 2012    CGPA: 9.4/10.0

## INTERNSHIP

Machine learning Intern  
**Roadzen Technologies Pvt Ltd**  
📅 May 2019 – July 2019    📍 Delhi, India

- Worked on detection of car's parts and damage using Machine Learning Model.
- Build pipeline for dataset to be fed into machine learning model
- Trained the machine learning model on remote gpu and deployed it on the server.

Technologies - Python programming, Flask, Keras.

## PROJECTS

### SEGMENTATION OF MULTI SPECTRAL REMOTE SENSING IMAGERY

B-TECH Project (May 2018 - July 2018)

- Developed a Convolutional Neural Network based model to segment the images taken by commercial grade satellite into five different classes which results in better visualization of objects present on earth.

Programming Language - Python  
Libraries - Keras, Numpy, TiffFile

### Restaurant Recommender System

Jan 2019 – Mar 2019

- Developed a recommender system on yelp dataset which recommends three restaurant to the user based on the query.

Programming Language - Python  
Libraries - Pytorch, Flask

### Blood Donation portal

Oct 2017 – Nov 2017

- Created a blood donation portal where user can find blood donors. Anyone willing to donate blood may register on the website so someone in need can contact him.

Technologies- Django, sqlite, html, css, bootstrap.

## COURSE WORK

Data Structures  
Algorithms  
Computer Vision  
Deep Learning  
Object Oriented Programming  
Database Management System  
SQL  
Operating System

## SKILLS

### Programming Languages

- C++
- Python

### Problem Solving

### Frameworks

- Django
- Flask

### Libraries

- Keras • Pandas • NumPY
- OpenCV
- Matplotlib • scikit-learn

## CAREER INTEREST

- Software Development Engineer

## PROGRAMMING PROFILES

- Hackerrank  
<https://www.hackerrank.com/utkarshutsav>
- Github  
<https://github.com/utkarsh-utsav>
- Solved over 500 problem solving questions based on data structures and algorithms.

## POSITION OF RESPONSIBILITY

- Event Head of Brandsome in Aurora 2k18  
(Techno-cultural fest IIITM Gwalior)