

# Sangeet Kumar Mishra

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github.com/sangeet259

## Education

### Indian Institute of Technology Kharagpur

B. TECH. IN CIVIL ENGINEERING

GPA: 8.47

Kharagpur

August 2020

### Kendriya Vidyalaya No 1

SENIOR SECONDARY IN PCM

GPA: 90.2%

Bhubaneswar

May 2016

### DAV Public School

MATRICULATION

GPA: 10

Sector 4, Bokaro Steel City

May 2014

## Experience

### Team AUV

SOFTWARE TEAM MEMBER

- Implemented CA CFAR to segment Buoy and Marker
- Used HSV Thresholding to detect objects underwater

IIT Kharagpur

Feb 2017 – Present

## Skills

**Programming Languages:** C, C++, Python, JavaScript, MATLAB/Octave

**Web Technologies:** HTML, CSS

**Libraries:** OpenCV, ROS, Numpy, Pandas

**Machine Learning:** TensorFlow, TFLearn, Scikit Learn

## Projects

### Dog-or-Cat

A CNN BASED APPLICATION TO DETECT CATS AND DOGS

TensorFlow, TFLearn, Numpy

<https://github.com/sangeet259/Dog-or-Cat>

### KMeans-Compressor

AN IMAGE COMPRESSOR TOOL USING KMEANS

MATLAB/Octave, KMeans Clustering

<https://github.com/sangeet259/KMeans-Compressor>

### Sign-Language-Detector

AN DEEP NEURAL NET BASED APPLICATION TO DETECT 0 TO 5 IN SIGN LANGUAGE

TensorFlow, Numpy

<https://github.com/sangeet259/Sign-Language-Detector>

### Synisto

A COLLABORATIVE FILTERING BASED APPLICATION TO SUGGEST MOVIE TO USERS

Python, Numpy, Scipy

<https://github.com/sangeet259/synisto>

### Digit-Recogniser

A CNN BASED APP TO RECOGNISE HANDWRITTEN DIGITS ON MNIST DATA

TensorFlow, Numpy

<https://github.com/sangeet259/Digit-Recogniser>