

Sangeet Kumar Mishra

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR | B. TECH. CIVIL ENGINEERING Kharagpur | Aug 2020

GPA: 8.47

KENDRIYA VIDYALAYA NO 1 | SENIOR SECONDARY PCM

Bhubaneswar | May 2016

GPA: 90.2%

DAV PUBLIC SCHOOL | MATRICULATION

Sector 4 , Bokaro Steel City | May 2014

GPA: 10

EXPERIENCE

TEAM AUV | SOFTWARE TEAM MEMBER

IIT Kharagpur | Feb 2017 – Present

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

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 | TENSORFLOW, TFLearn, NUMPY

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

A CNN BASED APPLICATION TO DETECT CATS AND DOGS

KMEANS-COMPRESSOR | MATLAB/OCTAVE , KMEANS CLUSTERING

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

AN IMAGE COMPRESSOR TOOL USING KMEANS

SIGN-LANGUAGE-DETECTOR | TENSORFLOW , NUMPY

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

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

SYNISTO | PYTHON , NUMPY, SCIPY

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

A COLLABORATIVE FILTERING BASED APPLICATION TO SUGGEST MOVIE TO USERS

DIGIT-RECOGNISER | TENSORFLOW , NUMPY

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

A CNN BASED APP TO RECOGNISE HANDWRITTEN DIGITS ON MNIST DATA

Courses

DEEP LEARNING SPECIALIZATION SEPT 2017 - PRESENT | COURSERA

A 5 course specialisation in deep learning taught by Andrew Ng

MACHINE LEARNING JUN 2017 | COURSERA

12 week long Machine Learning coursera by Andrew Ng , covering all the basics of supervised , un-supervised and neural nets.

ALGORITHM SPECIALISATION JULY 2017 - PRESENT | COURSERA

A 4 course specialization covering the major portion of Algorithms of undergraduate level