

Siddharth Singh

Final year UG student pursuing Mechanical Engineering

Dedicated and detail oriented engineer who thrives in a fast paced environment and seeking to expand one's learnings, skills and knowledge to grow along with the organisation's objective.

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📍 Lucknow

EDUCATION

B.E. Mechanical Engineering

Birla Institute of Technology, Mesra

2017 - Present

CGPA - 7.57

XII CBSE

DAV, Kota

2014 - 2016

Percentage - 77%

X CBSE

Cambridge School, Indirapuram

2012 - 2014

CGPA - 9.2

WORK EXPERIENCE

Internship

iNeuron Intelligence Pvt Ltd

01/2021 - Present

Action Recognition

Problem Statement:- To detect the action by a human like walking, running, jogging etc. Technology :- Python, Tensorflow, OpenCV, Detectron2, YOLO, Slowfast, Alphapose, Mxnet, Pytorch

Freelancer Subject Matter Expert

Chegg

01/2020 - Present

As an expert I have to answer the questions asked by students.

Subject - Calculus

Vocational Training

Aditya Birla Hindalco, Singrauli

12/2018 - 01/2019

During the 4 weeks of vocational training I was briefly trained through the process and layout of Power Plant Generation and was acquainted with various mechanical maintenance processes.

EXTRA-CURRICULAR ACTIVITIES

- CNC Pantheon 2017 Winner
- CNC Bitotsav 2018 Winner
- Futsal 2020 2nd Position

SKILLS

Data Analytics

Deep Learning

Machine Learning

Data Structure

MS Excel

Python

SQL

PROJECTS

Exploratory Data Analysis

Used the past 5 years data from 2015-2020 to do the Exploratory Data Analysis of Air Pollution Across Major Indian Cities

Banking Project

This project was used to predict if the client will subscribe to a term deposit based on the analysis of the marketing campaigns. AUC metric was used to discriminate between subscriber and non-subscriber.

ACHIEVEMENTS

House Prices - Advanced Regression Techniques

Predict sales prices and practice feature engineering. It is an ongoing competition. Currently in top 7%

Cassava Leaf Disease Classification

To Identify the type of disease present on a Cassava Leaf image. Used fastai library for this competition. Currently accuracy = 84%. Still improving on accuracy

CERTIFICATE COURSES

- Intro to Machine Learning, Python, Pandas, Feature Engineering, Intro to Deep Learning
Issuing Organization : Kaggle
- Machine Learning with Python
Issuing Organization : cognitiveclass.ai
Powered by IBM Developer Skills Network.
- 5 Days Data Science Workshop with project titled Banking Project
Issuing Organization : GreyAtom