

SARTHAK RASTOGI

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Data Scientist and Deep Learning Engineer

Profile: I am an undergrad sophomore in university, with a passion for creating advanced deep learning models for interdisciplinary problem solving and deploying them as web apps. I quickly adapt to working environments and excel at learning new skills.

Education

BSc in Programming and Data Science
Indian Institute of Technology, Madras | 2020 - 2023

BTech CSE, Specialisation in Data Science and ML
Manav Rachna University | 2019 - 2023

Skills

Technical Skills

Scikit-learn, TensorFlow, Keras, PyTorch
Python, C, C++, Java, MySQL
Heroku, Flask, Microsoft Azure
Tableau, Matplotlib, Seaborn

Soft Skills

Strategic planning and decision making
Advanced verbal business communication
Strong work ethic
Leadership and team management
Product thinking

Awards

Manav Rachna Scholar | 2019 – Present
Awarded full tuition scholarship for two consecutive years for performance in university exams at MRU.

L&T Scholarship | 2021 – Present
Awarded full scholarship for performance in university exams at IIT Madras.

Links

Portfolio

sarthakrastogi.github.io

LinkedIn

linkedin.com/in/sarthakrastogi

GitHub Profile

github.com/sarthakrastogi

Experience

ML/AI Expert

Decodr Technologies | Dec 2020 – Present

Overview: Worked with an ML-based startup to plan and develop the structural framework of a platform to train 1000+ data science professionals simultaneously.
Technical: Wrote programs to automate everyday company tasks and increase employee productivity.
Impact: Learnt team management, data management on Google Cloud Platform, business modelling and entrepreneurship.

Machine Learning Intern

Ardberry Technologies Pvt Ltd | Oct - Nov 2020

Overview: Built project on human pose estimation on video data using deep learning in Python for kinetic architecture firm.
Technical: Fed the data frame-by-frame through a multi-stage CNN to assess 18 different body points and record their movement throughout the video.
Impact: Processed weeks of company video data automatically through the model to register human movement around buildings. Learnt project management and ML web app deployment.

Projects

Smart India Hackathon (SIH) 2020

Created vehicle tracking models for the govt. of Madhya Pradesh to ensure road safety. Performed feature extraction and supervised learning on 10,000+ image logs from live input in the finals of the world's largest hackathon.

Hackathon for Atmanirbhar Bharat

Led a team to design and develop deep learning tools and solutions for businesses by making use of facial recognition, image classification and recommendation systems.

Sophomore year paper

Processed astronomical data consisting of 60,000+ images from the Sloan Digital Sky Survey DR-16 and implemented three Convolutional Neural Net architectures to build models to classify galaxies.