

Naman Jajani

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EDUCATION

Indian Institute of Technology

Bachelor of Technology in Chemical Engineering

- CGPA = 9.30/10

Kharagpur, West Bengal

July 2019 – July 2023

PROJECTS

Mask Recognition | Professor Adway Mitra, CAI, IIT KHARAGPUR

Dec 2020 – Present

- Developing a model for covid safety surveillance to detect whether a person is wearing a mask or not.
- Implemented Convolutional neural network for feature extraction and then used YOLO algorithm for the mask detection using Deep Learning platforms and tools like Python and TensorFlow.

INTERNSHIPS

The Sparks Foundation | Data Science And Business Analytics

29 Nov 2020 - 21 Dec 2020

- Implemented and fine tuned linear regression to accurately predict the score of the student based on no. of hours a student studied
- Built a model to show the elbow method for optimal clustering for iris data set
- Built a decision tree classifier for iris data set.

RELEVANT COURSES

Machine Learning and its foundations | AI42001

- Learned basics of machine learning along with various popular techniques and algorithms such as Regression, clustering, boosting etc.

Data Analytics | CS61061

- Learned Basics of probability and statistics along with various machine learning techniques and hypothesis testing methods.

Programming and Data Structures

- Learned Basic Programming in C.

Data Structures and Algorithms* | Geeks for Geeks

- Learning algorithms and data structures in C++.

TECHNICAL SKILLS

Languages: Python | C/C++ | HTML/CSS

Developer Tools: Git | VS Code | PyCharm | Google Colab | Jupyter Notebook

Libraries: pandas | NumPy | Matplotlib | scikit-learn | tensorflow

ACHIEVEMENTS

- Secured All India Rank(AIR) 4511 among 175,000 candidates in JEE Advanced 2019.
- Secured 99.32 percentile among 1 million candidates in JEE Mains 2019.

EXTRA CURRICULARS

- Worked as GES INTERN at Entrepreneurship Cell, IIT Kharagpur and was responsible for inviting people from various cities and managed accommodation of the participants.
- Represented my hall in Inter hall sports general championship, IIT Kharagpur, as a member of football team, securing a place in Finals.