Tushar Mitra

+91 9709229224 · tushar24.mitra@gmail.com · Personal Website · Github · LinkedIn · LeetCode · HuggingFace

EDUCATION

Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha, India

Bachelor of Technology in Computer Science and Engineering

(2022-2026)

CGPA: 9.33

Coursework: Data Structures, Algorithms, Database Management System, Operating System, Computer Networks, Computer Organization & Architecture.

Loyola High School, Patna, Bihar, India

Central Board of Secondary Education (CBSE)

(2009-2021)

10th Score: 93.67%

12th Score: 91.8%

Activities: Scientia'17 Inter-School Quiz Competition Winner held at NIT Patna (2017), Inquizitive Minds Quiz Competition School Level National Finalists (2018), Inter-House Cricket Competition, Inter-Class Kabaddi Competition, Inter-Class Quiz Competition, Received Several Medals in SilverZone and SOF Olympiads including Zonal Rank 1 in National Cyber Olympiad (2014).

WORK EXPERIENCE

AICTE-EduSkills Virtual Internship   July 2024-August 2024

- Gained invaluable knowledge about Machine Learning and Deep Learning, but particularly focusing on Convolutional Neural Networks (CNN) and Object Detection using RCNN and YOLO.
- Learned how to classify objects into different groups and finding which group a new object belongs to, and later on checking the accuracy and loss of the trained model.

PROJECTS

Diamond Price Prediction [*Github Link*]   August 2024

- Used a dataset from Kaggle and trained the model using several machine learning regression algorithms.
- Performed data cleaning and visualization using Python libraries like numpy, pandas, matplotlib and seaborn.
- Used Streamlit library to run the model and host it on Streamlit Cloud.

SKILLS

Languages

C • Java • Python

Specialization

Machine Learning • Deep Learning • Object Detection • Computer Vision

Development

HTML • CSS • MySQL