Pramod Goyal

B.Tech. | NIT Rourkela

Third Year, Electronics & Instrumentation Engg.
DOB: 11 February 2003
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Education

2020-Present
B.TECH., EIE
NIT Rourkela
CGPA : 8.28/10

March 2020
INTERMEDIATE
Mother's Public School
Percentage: 95.4%

March 2018
MATRICULATION
Delhi Public School, Kalinga
Percentage: 89.0%

Links

HackerRank:// **goyalpramod**
CodeChef:// **goyalpramod**
Github:// **goyalpramod**
LinkedIn:// **goyalpramod**

Skills

GENERAL PROGRAMMING
C, C++, Python, SQL, Git

OPERATING SYSTEMS
Windows

LIBRARIES
NumPy, Pandas, Scikit-learn, TensorFlow,
Seaborn, matplotlib, Jupyter Notebook,
openCV

LANGUAGES
English, Hindi

Relevant Courses

Data Structures and Algorithm
Neural Networks
Linear Algebra
Statistics and Probability
Machine Learning
Optimization Techniques
Artificial Intelligence

Experience

2022-NOW	**NIT, Rourkela**	**Research Intern**

Topic: Watermarking of Dense Neural networks

Exploring ways of implementing watermarking to training weights in both white box and black box methods and also looking at ways to prevent adversarial attacks.
Inspiration - **Research paper**

2021-2022	**Dogs vs Cats**	**Project**

Topic: Image classification using CNNs

An image classification model was made on the Dogs vs Cats dataset using CNNs a basic model with 2 convolution blocks and 1 dense layer was made. An accuracy of 89 percent was achieved. Further ideas of transfer learning are to be explored. Notebook- **Dogs vs cats**

2021-2022	**Housing Price Predictor**	**Project**

Topic: Linear Regression

A basic housing price predictor was made using linear regression as the predicting model, basic EDA and feature engineering was done. Notebook - **Housing Price Predictor**

Certifications

2022	**Neural networks and deep learning**	**Coursera**

Completed a course on nn and dl offered by DeepLearning.AI

2021	**Kaggle Data Visualization**	**Kaggle**

Learned to visualize data using matplotlib and pandas

2021	**Google insights from Data using BigQuery**	**Google**

Learned to use SQL for Data Analysis

Extra Curricular Activities

2021-NOW	**Core Technical member**	**OpenCode**

OpenCode club of NITR, responsible for spreading the culture of opensource. My responsibilities include conducting orientations, organizing hackathons and helping in ML projects.

2021-NOW	**Curator**	**TedXNITRourkelaclub**

A curator in tedxnitrclub, responsibile for finding suitable speakers for our talks and to curate their talks

2021-2022	**Script Writer**	**Pantomime**

I had been part of pantomime the official drama club of NITR.