# Nanhe Kumar Pandey

B.Tech.  Electrical Engineering – IIT Dhanbad

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## EXPERIENCE

**Coding Blocks,** Pitampura, New Delhi — *Trainee*

May 2019 - JULY 2019

All the Data Structures and Algorithm was taught in detail. The programming language we used was C++. We were given a well-structured flow of the Data Structure and Algorithm. We participated in a month-long Contest of Programming questions in which I got 6th Rank in a batch of 56.

## PROJECTS

### House Price Prediction

Did exploratory Data Analysis on the given training dataset. Upon analysis it was found that many values were missing, so dealt with the missing values by substitution with mode and deletion of some attributes. Dealt with outliers in a continuous attribute by log transformation followed by 95% confidence intervals. Used XGBoost model for prediction and tuned the hyperparameters. Was able to achieve 0.037 RMSE scores on the leaderboard.

### Twitter Sentiment Analysis

This project aims to identify a Sentiment as POSITIVE or NEGATIVE for a given Tweet. I built this model without using any framework (Keras, Tensorflow). Also did some modification in the conventional neural network architecture to speed up the reviews per second significantly.

### MNIST Handwritten Digit Classification

I trained and tested K-Nearest Neighbour (KNN) Classifier for pattern analysis in solving handwritten digit recognition problems, using the MNIST database. A combination of statistical and structural features was used to train the classifier and then KNN was applied to classify the digits and observed the error rate.

## EDUCATION

**Indian Institute of Technology (ISM),** Dhanbad — *B.Tech.  Electrical Engineering*

JULY 2016 - MAY 2020      **CGPA – 7.06**

**Delhi Public School,** B. S. City — *12th*

APRIL 2014 - APRIL 2016    **84.2%**

**AS Patna Central School,** Patna — *10th*

APRIL 2013 - APRIL 2014    **10 CGPA**

## SKILLS

- **Intermediate : C++, C, Data Structures and Algorithm**
- **Beginner :** Python, Photoshop, Video Editing

## ACHIEVEMENTS

- **JEE Mains Rank (CML) – 1,49,036    to JEE Advanced Rank(CML) – 5,581**
- Got 6th Rank in a batch of 56 in the 1-month long contest at Coding Blocks, Pitampura, New Delhi
- Got 4th Rank in Inter School Chess Championship(10th std)

## POSITIONS OF RESPONSIBILITY

- **Social Media Coordinator at CIIE,  IIT Dhanbad**
- Runs a YouTube Tech channel having **13k+** Subs
- Core member of Srijan 2k19 organizing team

## EXTRACURRICULARS

- Make Technology related Videos
- Tutor at Kartavya
- Play Chess

## PROGRAMMING PLATFORMS

- LeetCode : leetcode.com/navom7/
- InterviewBit : interviewbit.com/profile/navom7
- Geeks : auth.geeksforgeeks.org/user/navom7/profile