



Shashank Shekhar Shukla

B.Tech – Mining Machinery Engineering - IIT, Dhanbad



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PROJECTS

Ransomware

- Language -Python
- Made For Winter Of Code 2021 by Cyberlabs
- Recreates the environment of how Ransomware works in real time
- It corrupts the system file by encrypting it (AES encryption).
- Similarly it decrypts it by using the same key from which it is decrypted.
- Keylogger, Cryptomining has also been implemented.

[Github repository](#)

Visual Pollution Detection

- Language - Python
- SDAIA - Hackathon
- Uses PreTrained VGG 19 Model for Transfer learning
- Predicts 11 classes of Pollutants Visible with bounding boxes

[Github Repository](#)

Shakespeare Text generation

- Language - Python
- Framework - Tensorflow
- It generates real time text using Recurrent Neural Network and long short term memory.

[Github Repository](#)

EDUCATION

Indian Institute of Technology (ISM),
Dhanbad — *Bachelor of Technology in Mining*

Machinery Engineering

DEC 2021 - MAY 2025 **CGPA – 7.5**

St. Mary's School,

Mirzapur,UttarPradesh

12th - APRIL 2020 - APRIL 2016 - **84.8%**

St. Mary's School,

Mirzapur,UttarPradesh

10th - APRIL 2018 - APRIL 2016 - **84.8%**

SKILLS

- **Strong :** C++, python ,Deep Learning, Object detection, Natural language processing, OpenCV, Distributed Training on GPUs
- **Intermediate:** HTML, CSS, javascript, Java, C, Matlab , Neural Style Transfer
- **Beginner :** React Js,
- **Framework:** Django,Tensorflow

ACHIEVEMENTS

- 360 rank in Codechef contest..
- 18th rank in AI OF GOD Machine Learning challenge of kaggle.

Competitive programming

- Codeforces [Shashank codes c](#) - Rating - 1177
- Kaggle-Account [shashankshuklacedl](#)
- Codechef- [shaank 123](#) – Rating - 1504

Certificates:

1. [Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and](#)

[Optimization](#)

2. [Sequence Models](#)
3. [Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning](#)
4. [Custom Models, Layers, and Loss Functions with TensorFlow](#)
5. [Convolutional Neural Networks in TensorFlow](#)
6. [Convolutional Neural Networks](#)
7. [Neural Networks and Deep Learning](#)
8. [Structuring Machine Learning Projects](#)
9. [Custom and Distributed Training with TensorFlow](#)
10. [Deep Learning](#) - **Specialisation**