

SHIRSENDU PAL

IIT Hyderabad

Contact- +91 9433841126 | e-mail- ch22btech11033@iith.ac.in

Bio:

1. Pursuing Bachelor of Technology in Chemical Engineering (2022-2026), IIT-Hyderabad.
2. I have interests in Statistics, Artificial Intelligence, Machine Learning, Discrete Mathematics
3. Currently I am enthusiastic about Computer Vision and am trying to learn OpenCV.

Education:

1. Passed C. B. S. E. Class 10th Examination from H. M. Education Centre, Hindmotor, Hooghly, West Bengal with overall percentage of 97.4%.
2. Passed Higher Secondary School Examination in science with statistics additional from Uttarpara Government High School, Uttarpara, Hooghly, West Bengal with overall percentage of 95%.
3. Pursuing B. Tech Chemical engineering from Indian Institute of Technology, Hyderabad (2022-2026).

Achievements:

1. Secured 1st rank in Vidyarthi Vigyan Manthan, State Level Camp held in 2018-2019, west Bengal Region.
2. Qualified Pre-RMO, HBCSE West Bengal Region 2017.
3. Secured a scholarship from Jagadish Chandra Bose National Talent Search (JBNSTS) Junior Talent Search (JTST). (2020)
4. Qualified NTSE Level-1 (2020).
5. Qualified JBNSTS Senior Talent Search Test (STST) (2022).

Courses (All offered by IIT-H, Dept. of CSE, Mathematics and AI):

1. Discrete Math for CS (CS1010)
2. Probability and Random Process(AI1110)
3. Linear Algebra (MA1140)
4. Calculus 1 and 2 (MA1101 and 1102)
5. Other topics which I learned on my own include: Number Theory, Combinatorics, Geometry, Functional Equations, Real Analysis and Vector Calculus.

Skills:

1. Languages : Python, C++ (not object-oriented programming)
2. Python Libraries: Numpy, Pandas, Matplotlib, Scikit-Learn, Tensorflow with Keras
3. Algorithms (Basic) Design and Analysis

Projects:

Git-Hub: <https://github.com/Kaiser-iDusk/Python-Codes>

Few of my projects include (all written in python):

1. Regression Line
2. LU-Decomposition

3. Reduced Row echelon form Equation Solver
4. Digits Classifier (MNIST Database) using Tensorflow with Keras
5. Boston Housing (MNIST database) using Tensorflow with Keras
6. Iris dataset (Iris Dataset) using Scikit-Learn
7. Other few projects can be found on my github link.
8. One of my few own project is an encryption and decryption system which I made on my own for the purpose of delving into the maths behind cryptology. It is present in GitHub.