Satyam Sinha

Second Year, (B.Tech)
Information Technology & Mathematical Innovation
at Cluster Innovation Center, University of Delhi

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WORK EXPERIENCE

Deep Analysis Of EPL, Cluster Innovation Center

April 2019 - September 2019

Machine Learning from scratch in Python and Successfully analyzed on the EPL data set. (https://github.com/satsin06/EPL- Analysis)

Insight Into Thin Flim Technology, Cluster Innovation Center

October 2019 - April 2019

Fabrication of Thin Film using various techniques optimization and characterization of film. Looking into usage with special emphasis on solar device applications. (https://docs.google.com/presentation/d/1VxTWdFB--9CkJo-AZQOW-XYD6m7cDfInUqlqtcysoes/edit#slide=id.g87ab0eedf9_0_2)

DUIT Store, DUIT.IO

September 2020 - Present

Software Engineering intern in android app development in flutter from scratch. Basically, the main motive of this app is to make all local stores online and hasslefree daily shopping. (https://gitlab.com/duit-interns/duit-stores-app)

EDUCATION

Cluster Innovation Center, University of Delhi — *B.Tech*

August 2018 - Present

B.Tech in Information Technology and Mathematical Innovation (Elective - Electronics)

Satyam International, Patna— *Senior Secondary (XII)*

May 2015 - May 2017

CERTIFICATES

Machine Learning A-Z Hands-on Python in Data Science (01/2020 – 04/2020)
e-Yantra Online Crash Course on Embedded System and Robotics (02/2020 – 03/2020)

SKILLS

Machine Learning
Application Development
Data Science
C
Python
Dart
Android

PROJECTS

Shopping Assist — *(01/2020 – 04/2020)*

Assisting customers in finding the product (present in stock or not), self/ section present in and helps us finding the shortest way to collect the product and checking out the nearest billing counter.

Hill Cipher— *(08/2018 – 11/2018)*

Hill cipher is a poly-graphic substitution cipher based on linear algebra. Each letter is represented by the number of modulo 26. Often the simple scheme A = 0, B = 1, ..., Z = 25 is used, but this is not an essential feature of the cipher.

Water Bottle Rocket —*(02/2019 – 04/2019)*

The bottle is partly filled with water and sealed. The bottle is then pressurized with a gas, usually, air compressed from a bicycle pump, air compressor, or cylinder up to 125 psi.