ADITYA GOYAL

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PROFILE:

I am second Year Undergrad studying Electrical and Electronics at Bits Pilani. My interest lies in Machine Learning and its applications.

EDUCATION:

- ❖ DATA SCIENCE MINOR | BITS PILANI — (May 2021- Present)
- ❖ B.E. ELECTRICAL AND ELECTRONICS| BITS PILANI — CGPA : 8.68 (Aug 2019- Present)
- ❖ XII (CBSE) | Lord Buddha Public School, Kota — 89.6% | 2019
- ❖ X (CBSE) | Maheshwari Public School, Ajmer — CGPA : 10 | 2017

PROJECTS:

- ❖ **Bulk Emailing Encrypted Files:**   (June, 2021)
  It can mass-mail, personalized encrypted files (PDF's) with personalized mail to the 1000's of different recipients. I made it by using various **Python Libraries** and **SQLite3** database.

- ❖ **Password Manager GUI:**   (Mar,2021) I
  made a python-based password manager, which kept a record of various passwords, stored them in a JSON file, suggested a random password, and even search for previously entered passwords.

- ❖ **Habit Tracker :**   (Dec,2020)
  Its based on a **API** called **Pixela** and it helps in tracking a particular habit of an individual and not just shows on which days you have done or not but also shows the intensity of that habit in a day.

COURSES TAKEN:

- ❖ Machine Learning by Andrew Ng on YouTube
- ❖ Inferential Statistics with Python offered by Michigan University on Coursera
- ❖ HTML, CSS, JS for Web Dev offered by John Hopkins University on Coursera
- ❖ Excel Skills offered by Macquarie University on Coursera

SKILL SET:

- ❖ Python (Libraries: NumPy, Pandas, Matplotlib, Tkinter)
- ❖ MATLAB
- ❖ JAVA
- ❖ AutoCAD
- ❖ Xilinx
- ❖ MySQL

EXPERIENCE:

- ❖ **Machine Learning Intern | MCEME, Hyderabad**   (May 2021- Present)
  Working on project whose objective is to gather the health status of soldiers using a **Body Sensor Network**, **Arduino UNO**, a **LoRA module**, and transmitting it to a base station for processing. Then, comparing it with the average values of a healthy person using an **AI-based engine** to report if any medical attention is required.

ACHIEVEMENTS:

- ❖ I got 5-star Gold Badge in Python and JAVA Problem Solving in HackerRank.
- ❖ I have solved more than 500 problems on GFG, HackerRank, Codeforces and LeetCode.

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