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

PROJECTS:

- ❖ **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.
- ❖ **Line Following Robot:** (Oct, 2019)
  In the first year, I made a line following robot using Arduino and various Sensor that detects a black line and continues to move on it.

COURSES TAKEN:

- ❖ Machine Learning by Andrew Ng
- ❖ Statistics with Python Specialization 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
- ❖ LT spice

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.

@adigo12 /aditya-goyal