MANSI VERMA

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Education

School

Kendriya Vidyalaya No.1 Raipur, Chhattisgarh

12th- 86%   MAY'19

10th- 10 CGPA   MAY'17

COLLEGE

Bhilai Institute of Technology Raipur, Chhattisgarh

SPI: 9.38, (Expected graduation Jun 2024)

Professional Experience

Smart India Hackathon (SIH)-Participated

Worked on problem statement given by DRDO- DRONE DETECTION (Technology used- ML and Deep Learning).

Volunteered in GDSC

Helped in smoothly operating the events organised by the GDSC

Participated in NCSC-National Children Science Congress

(2017 and 2019)

Projects

- **Indian Sign Language Detection**

  It is a project that is made to understand the numbers and alphabets which is shown by a person fingers.

  Dataset Creation, Dataset annotation using **RoboFlow**, Model used – pretrained **SSD**

  Modules – **Tensorflow, OpenCV**

- **Comparative analysis of different classifiers**

  Project includes 4 classifiers- Logistic Regression, Decision Tree, Random Forest, K-Nearest Neighbors

  Dataset- Gender Classification

  Analysis of result using **PowerBi** and made on **Jupyter Notebook**

- **Maintaining Project Record using File Handling in Python**

  It is a project that manages the data file containing project, project id and individuals assigned to particular project. One can perform various functions to update the table.

  Mainly used **pandas, tabulate, csv** and made on **Jupyter Notebook**

- **Insta-bot in Python**

  The project is made using Web Scraping tools **BeautifulSoup** and **Selenium**.

  We are performing various instagram features automatically using code such as login, searching for ID, extracting information, like unlike, etc.

Certifications

- Programming with Python

- Data Science and Machine Learning

- HackerRank 5 star in python

Technical Skills

Languages: C, Python

Libraries: **Data analysis**- Pandas, NumPy.

    Visualization- Matplotlib, Seaborn.

    Web Scraping- BS4, Selenium.

    Machine Learning- Scikit-learn (Linear Regression, Logistic Regression, Decision Tree, Random Forest, KNN, Naïve Bayes), NLTK.

Databases: MySQL, SQLite

Tools : Git, Github, Jupyter Notebook, Excel

Visualization Tools: PowerBi