Harshit Singh

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EDUCATION

PRANVEER SINGH INSTITUTE OF TECHNOLOGY
B.TECH IN COMPUTER SCIENCE
Expected Jun 2023 | Kanpur
CGPA: 8.19

CITY MONTESSORI SCHOOL
Grad. May 2018| Lucknow, India
10th Percentile: 91.4
12th Percentile: 86.5

LINKS

Github:// **harshiiiit**
LinkedIn:// **harshitsingh**
Codeforces:// **harshiiiit**
Hackerrank: // **harshit**
Codechef:// **harshiiiit**

COURSEWORK

UNDERGRADUATE
Advanced Data Structures
Advanced Python(IITK Prutor)
Cyber Securtiy(IITK Prutor)
Micro Processors
Operating Systems
Objected Oriented Programming
Design and Analysis of Algorithms
Database Management System

SKILLS

PROGRAMMING
Data Science:
• Python
• Pandas
• Matplotlib
• Scikit-learn
Advanced:
• C++
• SQL
• MongoDB
Familiar:
• CSS
• HTML
• JS

OPERATING SYSTEMS
• Linux/Unix
• Windows

PROJECTS

PREDICTION OF MENTAL HEALTH ILLNESS
Github Link
- Used the Mental Health in Tech Survey Dataset from Kaggle.
- Predicted whether a patient should be treated of his/her mental illness or not according to the values obtained in the dataset.
- Used Machine Learning Models like **Logistic Regression**, **KNeighbors Classifier**, **Random Forests**, **Decision Tree Classifier**.
- Plotted the success methods of all the models by evaluating models by **Confusion matrix**, **AUC**, **Classification Accuracy** and had the highest score of 81.22.

NFT MARKETPLACE (CYBER-SPACE)
- Created a user-friendly online store for NFT (Non-fungible token).
- Used technologies such as **HTML5** and **CSS** for the design and functionality of the website.

SUDOKU SOLVER
Github Link
- Used **Backtracking Algorithm** to find a solution to any solvable Sudoku board.
- Created a GUI for the Sudoku using the Python Module **Pygame**.

PROGRAMMING ACCOMPLISHMENTS

CODECHEF
- **1706** rated **3 star** on **Codechef**.
- June,2021 ranked 136/8000 in February Lunchtime 2022 **Codechef**.
- July,2021 ranked 313/9500 in February Cook-Off 2022 **Codechef**.
- January,2022 ranked 287/6000 in CodeChef Starters 2 **Codechef**.

CODEFORCES
- Specialist **1415** rated on **Codeforces Competitive Programming**.
- **500+ problems** solved on **Codeforces**.

GOOGLE CODING COMPETITIONS
- **India rank of 3074th out of 7250** in Google Kickstart Round G 2021, a competitive coding competition.
- **India rank of 950th out of 15100** in Google Code Jam Qualification Round 2022 and qualified on to the second round.

COURSES ATTENDED

MACHINE LEARNING BY STANFORD UNIVERSITY | COURSERA
June 2020
- Gained knowledge about **Supervised Learning** and mathematics behind Machine Learning algorithms like **Linear Regression** and **Logistic Regression** and implemented them in Octave.

DATA SCIENCE IN PYTHON | COURSERA
July 2021
- Gained experience in basic Data Processing with **Pandas** and learned how to work with Data Frame data structure.