Mayank Rawat

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EDUCATION

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
B.E. in Computer Science
2020-2024 | Patiala, IND
Cum. GPA: 9.56 / 10.00

M. M. PUBLIC SCHOOL
CBSE | Gurugram, IND
HSC(2019-2020): 95.66%

M. M. PUBLIC SCHOOL
CBSE | Gurugram, IND
SSC(2017-2018): 93.0%

LINKS

Github:// **MayankRawat06**
LinkedIn:// **mayankrawat06**
LeetCode:// **mayank0806**
CodeChef:// **mayankrawat06**
HackerRank:// **mayank_rawat6802**

SKILLS

DSA and Problem Solving

PROGRAMMING
C • C++ • Python • Swift • R
HTML5 • CSS • JavaScript

FRAMEWORKS
BootStrap • React.js • Next.js
Node.js • Tailwind.css

DATABASES
mySQL • PL/SQL

TOOLS AND TECHNOLOGIES
Git • Github • Android Studio
Xcode • Shell • Tableau • AWS

PACKAGES AND LIBRARIES
NumPy • Pandas • BeautifulSoup
Scikit-Learn • Matplotlib • Seaborn

COURSEWORK

CORE
- Operating Systems
- Database Management Systems
- Software Engineering
- Design and Analysis of Algorithms
- Data Structures
- Artificial Intelligence
- Machine Learning

PROJECTS

MONKEYPOX DETECTION
Random Forest Classifier, Gaussian Naive Bayes, XGBoost, K-Neighbours
- Detected the MonkeyPox infection in the patient based on symptoms.
- Implemented various classifier algorithms and compared the results.
- Improved accuracy by 2% by implementing Voting Classifier and hyperparameter tuning.

VEHICLE INSURANCE CLAIM FRAUD DETECTION
SVM Classifier,Random Forest Classifier, XGBoost, Logistic Regression

- Detected Fraudulent Insurance Claims based on demographics, policy details, and various other factors.
- Implemented various classifier algorithms and compared the results.
- Conducted extensive Exploratory Data Analysis on the dataset to derive insights.

EVENT.LY
HTML, CSS, JavaScript, Bootstrap, MySQL, PHP, BeautifulSoup

- Developed a system that let users find the ongoing events around them, listed on various platforms, all in one place.
- Utilized web scraping using BeautifulSoup Library of Python to fetch the description of an event from specific platforms.

POSITION OF RESPONSIBILITIES

THAPAR ACM STUDENT CHAPTER | Alumni Cell
Jan 2021 - Present | Thapar University, Patiala

- Organised Alumni speaker sessions to guide students on various topics.
- Collaborated with team to develop a website for upcoming events.

INDIAN INSTITUTE OF CHEMICAL ENGINEERS | Technical Department
Jan 2022 - May 2022 | Thapar University, Patiala

- Developed society website and engaged in discussion for further improvements.
- Facilitated monthly technical workshops and webinars with over 1000 participants.

ACHIEVEMENTS

INSTITUTE GOLD MEDAL | Thapar University, Patiala

- Received the Institute Gold Medal for academic excellence, awarded to the top 1% of students in the computer science and engineering program.

MERIT SCHOLARSHIP | Thapar University, Patiala

- Ranked in the Top 35 students of the 2024 batch for the academic year 2021 - 2022 based on Annual GPA.