

PRATHAM AGRAWAL

Indore, India

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EDUCATION

Vellore Institute of Technology, Vellore

09 2020 – 06 2024

Computer Science with specialization in Data Science - **CGPA - 9.30**

Vellore, India

COURSEWORK / SKILLS

- Machine Learning
- Data Science
- Data Analysis
- Data Visualization
- Data Structures & Algorithms
- Artificial Intelligence
- Deep Learning & NLP
- Problem Solving

TECHNICAL SKILLS

Languages: Python, Java, C/C++, HTML, CSS, R, NodeJS, Npm, ReactJs, SQL, JavaScript

Framework & Databases: Flask, PyTorch, MySQL, Git, GitHub

PROJECTS

Olympics Dataset 2020 Tokyo Dataset [↗](#) | Python, R, Tableau, Dash

04 2022

- Constructed a dataset comprising 2.7 lakh rows information of about Athletes who participated in the Olympics.
- Developed a web application to illustrate the trends and outliers for 124 years of Olympics History using Python, Dash and Plotly.

Sportlight [↗](#) | Python, JavaScript, CSS

04 2022

- Provided a solution for highlights extraction for sport games using Machine learning and APIs, thereby reducing the time of watching a match by 90 %.
- Formulated the NLTK model using wordnet, and NLP which tested out to be 93% accurate

Kaggle: Projects and Datasets [↗](#) | Python

08 2021

- Presented a Notebook with more than 5 Binary classifier each testing for more than 85% accuracy and the highest been 95% for Heart disease prediction.
- Extracted and constructed Data of IPL batting and bowling figures from 2008 to 2021 year-wise for better analysis and understanding.

HBeatR [↗](#) | Python, Jupyter, Tensorflow, Keras

11 2021

- Formulated an solution to check the possibility of having a cardiac disease using Machine learning and 12 basic health parameters.
- Stimulated an Artificial Neural Network Model with an accuracy score of 90% and recall score of 94%

EXTRACURRICULAR

The Institution of Engineering and Technology [↗](#)

01 2022 – 01 2023

Chairperson

Vellore, India

- Established a link between Administration and Chapter to host Technical events which benefited the chapter with 25% net profit.
- Analysed and cultivated the progress of 100+ people in technical and management domains towards achieving outlined objectives.

LittleLove [↗](#)

05 2018 – Present

Human Resources Director

Indore, India

- Facilitated 80+ people to provide education to underprivileged children, and animals basic amenities.
- Conducted Conference which yielded 25 percent profit.

PUBLICATION

- Artificial Intelligence at the Healthcare; The Past, present and the Future. 2020 [↗](#)
- Predicting Cardiovascular Ailments using Neural networks and IoT