# PRATHAM AGRAWAL

Indore, India

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★ codechef　</> leetcode

## 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 Analysis
- DSA
- Deep Learning & NLP
- Data Science
- Data Visualization
- Artificial Intelligence
- Database Management

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, HTML, CSS, R, NodeJS, Npm, ReactJs, SQL, JavaScript
**Framework & Databases:** Flask, PyTorch, OpenCV,PIL, Keras,Tensorflow, MySQL, Git, GitHub

## EXPERIENCE

**Hacklabs Solutions PVT. LTD.**　　　**07 2022 - Present**
*Artificial Intelligence (AI/ML) Intern*　　*Remote,India*

- Assisted developmet of docker container for core image segmentation model from yolov5 to yolov7.
- Worked on leakage detection algorithm based on image segmentation and image processing.

## PROJECTS

**Crypto2Csv** ⧉ | Python　　　**09 2022**

- A python command line interface for retrieving crytocurrency data in a readable csv format.
- Covered 80+ parameters over a wide range of cryptocurrencies, with various data fetching options like intervals, coins, etc.

**Sportlight** ⧉ | Python, NLP, NLTK,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

**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.

## 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 200+ people in technical and management domains towards achieving outlined objectives.

## PUBLICATION

- Utilization of Computational Approaches for Prediction of Cardiovascular Ailments from API Feed⧉
- Artificial Intelligence at the Healthcare; The Past, present and the Future. 2020 ⧉

## ACHIEVEMENTS

* Experion Sponsor Track Winner at Devspace 2022 by CSI-VIT for project **Sportlight** ⧉
* Kaggle Notebook and Dataset contributor with 4 bronze medals. **kaggle** ⧉