SOHAM BHARDWAJ

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EDUCATION

Information Technology	2019-2023	Delhi Technological University	8.9 CGPA (till 4th Sem)
AISSCE (Class XII)	2019	Ahlcon Public School, Delhi	93.8%
AISCE (Class X)	2017	Ahlcon Public School, Delhi	10.0 CGPA

WORK EXPERIENCE

India Today Group, Data Analytics Intern: July 2021 – Sep 2021
- Worked on various AI and ML fields using real world data.
- Incorporated methods such as NLP, sentiment analysis, image processing etc. on large amount of twitter data and did various kinds of analysis.

ACADEMIC PROJECTS

Covid Messiah: github.com/sohambhardwaj/CovidMessiah
- Developed a twitter bot using **twitter-API** and twitter's search API to help people during the pandemic.
- Made use of Google's **DialogFlow** API to analyze tweets and perform Natural Language Processing (NLP) to classify the tweets between different categories of requirement and to separate donor tweets with requirement tweets.
- Utilized: DialogFlow, twitter-API, **tweepy**

Clothing Apparel Detection: github.com/sohambhardwaj/ClothingApparelDetection
- Built a custom clothing detection system which can categories the type of clothing in six different categories in Real-time
- Trained the model using **YOLOv5** Object detection system which detects objects in real time at 60 fps with high accuracy.
- Utilized: **PyTorch**, OpenCV

IPL Player Performance: github.com/sohambhardwaj/IPL-Player-Performance
- Developed a Machine Learning Model which predicts players' rating based on their past performances in all IPL seasons since 2008.
- Used various machine learning techniques such as random forest regressor, XGboost etc. to accurately predict the performance and get their overall ratings based on a number of parameters
- Utilized: **Pandas**, **SciKit Learn**, XGBoost etc.

ACADEMIC ACHIEVEMENTS AND AWARDS
- Secured rank in **Top 10** out of 200 teams in HackBMU hackathon 2021.
- Secured a rank of **27** out of 25,000 students in JSTSE examination 2017.

EXTRA CURRICULARS
- Developed a reddit bot for a subreddit with over **1.6M** members.
- **VFX** (Visual Effects) head of school's annual technical fest, Silico Battles V13.1

SKILLS
- Proficient in C, C++ and Python.
- Familiar with HTML/CSS, JavaScript, SQL, Unix/Bash.
- Technical Stack: Django, Flask, REST APIs, AWS, PostgreSQL, Git.
- Completed 30-day Google Cloud Program training.