

Chaitanya Agarwal

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EDUCATION

Delhi Technological University (formerly DCE)

B.Tech, Electrical Engineering. **CGPA – 9.69**

Minor in Data Analysis

JM International School – Dwarka, Delhi

Percentage (AISSCE) – **93.6%** || (AISCE) – **10.00 CGPA**

Sports Captain of School

Rohini, Delhi
June 2023

Dwarka, Delhi
June 2019

EXPERIENCE

Data Scientist Intern, GOODSPACE

December 2021 – January 2022

- Designed a **recommender system** for **1000+** skills using **Content-Based filtering** to recommend similar skills to the hirer and made an **API** using **Flask**.
- Integrated the **Branch** platform (**mobile analytics software**) to provide insights related to app installs, engagement, deep linking.

Data Analyst Intern, GAUSSIAN NETWORKS

August – December 2021

- Helped to identify **600+ cash players** by identifying free token players which increased the **revenue** by **0.9%** and **cash deposits** by **2%** for October and November increasing the overall revenue by **1.3%**.
- Collaborated with the team and **devised 30+ SQL queries** to **extract data** of more than **10 million players**.
- Automated** the process of executing **60+ SQL queries** using **Python**.

Microsoft Engage'21 Mentee, MICROSOFT

June - July 2022

- Built a **Microsoft Teams clone** under the guidance of Microsoft mentors having features like Video ON/OFF, mute/unmute, chat application and 4-5 users video calling.
- Keywords:** HTML, CSS, Nodejs, WebRTC, Agile.

PROJECTS

HEALTHIFY

- Built a **Machine Learning Web App** using **Python** which predicts the possibility of a person getting afflicted with major Chronic diseases like Diabetes, Cancer etc.
- Deployed** the app as a microservice using **Flask**.

SENTIMENT ANALYSIS ON NETFLIX DATA

- Predicted** the **Sentiment** of a movie using the movie description and performed **EDA** for finding insights.

MOVIE SIMILARITY

- Visualized** the similar movies in a **Dendrogram** using similarity score **metric**.

SKILLS

Languages & Software: C++, Python, SQL, MATLAB, HTML, CSS, Git, GitHub, Tableau

Software Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Plotly

Well verse in: Machine learning, Data Analytics, Data structures and Algorithms, Database management system

Framework: Flask

POSITION OF RESPONSIBILITY

ELECTRONIC DESIGN ENGINEER at Raftaar, Tech team of DTU

September 2019 – May 2020

- Engineered the electronic parts of the **human powered vehicle** using **Arduino, sensors**.
- Designed a **landing gear** for the vehicle using an **Actuator, proximity sensor**.

ACHIEVEMENTS

- Consolation prize** among 100 teams in my **maiden case competition** organized by StartLadder in collaboration with **IIT-D**.
- Bucket Hat Winner** in **HackHarvard hackathon** organized by **Harvard University** for being one of the most active participants.
- Opportunity for Mitacs'22 GRI **research scholar** at **York University, Canada**.
- Merit-Scholarship** in first year of college.

INTERESTS & ACTIVITIES

CERTIFICATIONS: DATA SCIENCE and MACHINE LEARNING certifications by DATA CAMP

HOBBIES: Working out, drawing anime characters, Exploring quantum physics

LANGUAGES: Basic French