# Chaitanya Agarwal

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LinkedIn
GitHub || Portfolio

## EDUCATION

**Delhi Technological University (formerly DCE)** — Rohini, Delhi
B.Tech, Electrical Engineering. **CGPA – 9.69** — June 2023
Minor in Data Analysis
**JM International School** – Dwarka, Delhi — Dwarka, Delhi
Percentage (AISSCE) – **93.6%** || (AISCE) – **10.00 CGPA** — June 2019
**Sports Captain** of School

## 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

- C++, Python, SQL, MATLAB, Tableau, HTML, CSS

**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 DATACAMP
**HOBBIES:** Working out, drawing anime characters, Exploring quantum physics
**LANGUAGES:** Basic French