

KRISH AGARWAL

Mobile: +91-9712057591 ♦ Email: agarwalkrish26@gmail.com ♦ LinkedIn: [in/krishagarwal26/](https://www.linkedin.com/in/krishagarwal26/)
GitHub: [/agarwalkrish26](https://github.com/agarwalkrish26) ♦ Portfolio: agarwalkrish26.github.io

EDUCATION

Manipal Academy of Higher Education **Distance Learning**
MSc Data Science 2024 - Present

CHRIST (Deemed to be University) **Lavasa, Pune, Maharashtra**
BSc Data Science, CGPA: 9.4/10 2021 - 2024

SKILLS

Data Science, Data Structures & Algorithms, Generative AI, Prompt Engineering, Automation, Object-Oriented Programming, Machine Learning, Databases, Image Analytics, Software Engineering, Full Stack Development, Operating Systems, Statistics, Mathematics

Tools: Python, SQL, MongoDB, R, HTML-CSS, Orange, Excel, Tableau, PowerBI

EXPERIENCE

DXFactor Solutions Pvt Ltd **Ahmedabad, Gujarat**
Data Science Intern Sep 2024 -Present

- Developing automated growth and marketing tools on social media platforms (LinkedIn, Reddit, etc.)
- Incorporating GenAI based bots with a multi-user session tracking and mapping technique

Space Applications Centre, ISRO **Ahmedabad, Gujarat**
Researcher Jan 2024 – Jul 2024

- Collaborated with the oceanography department to reconstruct the sonic layer depth from surface parameters
- Responsible for aggregating, analyzing, visualizing and modelling large-scale data into compactible data
- Developed an open-source module with customizability and easy visualizations

Hindustan Coca Cola Beverages Private Limited **Ahmedabad, Gujarat**
IT Intern Jul 2023 – Aug 2023

- Explored Image Recognition integration into operations
- Established an object detection model akin to an existing AI model

F(X) Data Labs PVT LTD **Ahmedabad, Gujarat**
ML Intern Jul 2022 – Aug 2022

- Researched domain-related subjects and worked on client projects
- Specialized in Supervised Learning, emphasizing on Classification and Regression models
- Collaborated on an NLP-focused client query project with seasoned team members

PROJECTS

Image Recognition for Exercise Classification

- Originated a comprehensive ML pipeline for classifying images of hand-stands, push-ups, and crunches
- Utilized TensorFlow, Keras, YOLO v5 and CNN algorithm for model training

Signature Verification

- Set up a web-based system that verifies the signature of users based on previously collected signatures
- Developed a mechanism for auto-cropping and mapping the signatures of individuals during the processing stage

Realtime Chatbot

- Developed a chatbot that scrapes web content in real time, employing prompt engineering to generate context-based answers using OpenAI embeddings.
- Implemented a local vector database (ChromaDB) to store and retrieve embeddings for efficient information retrieval.
- Utilized Langchain and OpenAI libraries to convert data into embeddings and generate accurate, context-aware responses

LEADERSHIP EXPERIENCE

AI/ML Lead, Google Developer Student Club	2023-24	President, Data Science Association	2023-24
Creator-in-Chief, The Blueprint	2022-23	Student Coordinator, Data Science Association	2022-23
Literary Core-Committee, Student Welfare Office	2022-24	Core Member, Data Science Association	2021-22

REFERENCES

Dr Neeraj Agarwal | neeraj@sac.isro.gov.in

Head, EPSA-AOSG-POD | Space Applications Centre, ISRO

Dr Lekha J | lekha.j@christuniversity.in

Associate Professor | CHRIST (Deemed to be University)