Chaitanya Virmani

C++ DEVELOPER | MACHINE LEARNING DEVELOPER |
DATA ANALYST

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- www.linkedin.com/in/chaitanya-virmani-83909719b/
- https://github.com/Chaitanya040

PROFILE

An ambitious individual with experience in machine learning, data science and software development in C++.

SKILLS

Data Structures in C++	Data Analysis
Machine Learning	Data Visualization
Deep Learning	

PROGRAMMING LANGUAGES

C++ | Python | R

TOOLS/ PLATFORMS

Power BI | MS Excel | Jupyter Notebook | Google Collab |
Visual Studio Code | MySQL

CODECHEF

1737 Rating (DIV-2)

INTEREST

Travelling
Cooking
Cricket

CERTIFICATIONS AND TRAININGS

Data Science for Engineers
  -NPTEL

DAta Structures in C++ Excellence Certificate
  -Coding NInjas

LANGUAGES KNOWN

English (Proficient) | Hindi (Native) | French (Elementary)

PERSONAL DETAILS

DOB: 4th January 2001
Nationality: Indian

REFERENCES

Annu Ralli
Deputy Manager, Student Life, Ashoka University | Former
Program Manager, Xebia
www.linkedin.com/in/annu-ralli/

WORK EXPERIENCE

DATA SCIENCE INTERN
Pucho Inc.

Bangalore, India
Jun 2022 - Jul 2022

- Working on AI solutions for COVID-19 diagnostics.
- Working on privacy AI models.
- Handling language barriers for data collection
- Technologies/ skills worked on: Deep Learning, Data Analytics, Data Extraction.

MACHINE LEARNING RESEARCH INTERN
PianalytiX

Hyderabad, India
Nov 2020 - Dec 2020

- Studying different ML techniques.
- Wrote articles on ML techniques.
- Random Forest published on the website of PianalytiX and selected as the best article.

EDUCATION

B. Tech. Computer Science Engineering with Specialization in Machine Learning and Data Science - 90.88%

Manav Rachna University

Faridabad, Haryana
Jul 2019 - Jul 2023

PROJECTS

IDENTIFYING EXOPLANET CANDIDATES WITH MACHINE LEARNING

Apr 2022

- AIM: To identify exoplanet candidates in space.
- Result: Captured exoplanet candidates with 99% accuracy
- Paper Publication in process.
- Concepts used: **Random Forest, Artificial Neural Networks, PCA, RFE.**
- https://github.com/Chaitanya0401/Detecting-Exoplanets-in-Space-Using-ML-and-DL

EXPLORING DIFFERENT CNN ARCHITECTURES TO IDENTIFY SUPERNOVAS IN SPACE

Jul 2021

- AIM: To identify Supernovas using CNN and Transfer learning models.
- Result: Captured Supernovas in space with 96% accuracy
- Concepts used: **CNN, AlexNet, GoogLeNet.**
- https://github.com/Chaitanya0401/Supernovas-In-Space

EXPLORATORY DATA ANALYSIS ON OLYMPIC DATASET

Oct 2021

- AIM: To extract insights from the Olympics dataset.
- Outcomes: Captured various insights with proven results.
- Concepts used: **EDA, Data Visualization, Python programing.**
- https://github.com/Chaitanya0401/EDA-on-Olympic-Games-dataset

POSITION OF RESPONSIBILITIES

PRESIDENT
Coding Club, MRU

Manav Rachna University
May 2022 - Present

- Teaching and practicing Data Structures and Algorithms.
- Organizing coding contest and events.
- Technologies/ skills worked on: C++, python, DSA.