

ARYAMAN

Passionate Data Science Engineer | ML, Python, Data Analytics | Computer Vision, AI Tutoring | Sklearn, TensorFlow, Keras, OpenCV | SAS, SQL, Big Data (Hadoop, Pig, Hive, Spark) | Web Dev (HTML, CSS, Flask, FastAPI) | Strong Analytical Acumen

@ aryamanand5@gmail.com
@AbsterJr AbsterJr

7091770073
Aryaman

iamaryaman.tech



EXPERIENCE

Data Analytics Intern

Inspira Enterprises

Jun 2023 – Jul 2023 Ranchi, Jharkhand

- **Supported data analysis:** Collected, cleaned, and analyzed data from various sources to identify trends, patterns, and insights, informing business decisions.
- **Collaborated with CMPDIL (Under Ministry of Coal):** Developed a robust web portal for CSIS, empowering efficient data management and streamlined processes for critical information within the coal industry.
- **Created Python-based Payroll Comparison Tool:** Facilitated efficient data analysis and informed decision-making during the payroll review process.

Big Data Intern

CMPDIL, Coal India Limited

Dec 2022 – Jan 2023 Ranchi, Jharkhand

- **Conducted text mining and analytics on SAS Enterprise Miner** of data based on safety issues and accidents occurring on various coal fields and mines.

PROJECTS

AI Tutor

Apr 2023

- AI Tutor is a web-based chatbot that utilizes OpenAI's GPT-3 language model to provide automated tutoring to students on various topics related to machine learning.

Gender and Age Detection

Oct 2022 - Dec 2022

- To identify the gender into binary categories, male and female using facial features such as skin tone, wrinkles, etc, and to classify their age based on similar features. CNN with Skip Connections achieved the best accuracy or 87.56

Anime Recommender System

May 2022 – Jun 2022

- Developed an Anime Recommender System using Cosine Similarity, KNN, and Association Rules, leveraging user preference data and ratings from a dataset of 73,516 users and 12,294 anime, aimed at improving the accuracy and effectiveness of anime recommendations for users based on their viewing history.

Anti-Suicide Chat Bot

Jul 2021 – Aug 2021

- A chat bot which talks to people and replies to them based on a set of predefined responses related to suicidal thoughts. The algo is using a neural network of 16 neurons to predict the right output based on the input in the intents.json file.

EDUCATION

Data Science and Engineering

Manipal Institute of Technology

Oct 2020 – May 2024

CBSE XII Board

Delhi Public School, Ranchi

Jun 2020

CBSE X Board

D.A.V Public School, Gandhi Nagar, Ranchi

May 2018

SKILLS

Programming Languages: Python, C/C++

Web Development: HTML, CSS, Flask, FastAPI

Databases: MySQL

Big Data Technologies: Hadoop, Pig, Hive, Spark

Machine Learning and Deep Learning:

Sklearn, TensorFlow, Keras, OpenCV

Text Analytics: SAS, SAS Enterprise Miner, SAS Text Analytics

Tools: Anaconda, VS Code

CO-CURRICULAR ACTIVITIES

- Committee Member- RevelsCup, Sports Annual Cultural Festival of MIT Manipal, Revels 2023.
- Event Head - Swimming, Sports Annual Cultural Festival of MIT Manipal, Revels 2022.

CERTIFICATIONS

- Deep Learning Specialization, Deep Learning.ai
- Introduction to Data Science, IBM
- Data Science Fundamentals with Python and SQL, IBM

REFEREES

Ashish Das

@ ashish.das@coalindia.in

✉ Innovation Cell, CMPDI HQ, Ranchi

Himanshu Shekhar Sharma

@ hs.sharma@coalindia.in

✉ Innovation Cell, CMPDI HQ, Ranchi