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MANAS CHAUHAN

(Intern - Machine learning Engineer)

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EDUCATION

Mohali, India — **CHANDIGARH UNIVERSITY** — *2021 – 2023*
M.C.A — Computer Application — *CGPA: 8.58*

Mathura, India — **SANSKRITI UNIVERSITY** — *2017 – 2020*
B.C.A. — Computer Application — *CGPA: 7.57*

WORK EXPERIENCE & INTERNSHIPS

QUANTIPHI ANALYTICS SOLUTIONS PVT. LTD. (Mumbai) *Mar'2023 - Jul'2023*

- During a 4-month internship, gained a solid foundation in technology, including Python, Java, web development, and Google platforms, providing a diverse skill set for future projects.
- Developed practical experience in machine learning, working with various ML tasks and deep learning networks like **ANN, CNN, RNN, LSTM**, and more, enabling a comprehensive understanding of different algorithms and techniques.
- Applied acquired skills to create a News Summary generation project, showcasing expertise in natural language processing and demonstrating the ability to effectively summarize news articles. Collaborated with a team to ensure timely project completion and deliver high-quality results, contributing to development, testing, and implementation phases.

TECHNICAL PROJECTS (View)

SPORT AD. BRAND IDENTIFICATION SYSTEM *Ongoing*

- The Sport Ad-Brand Identification project utilizes deep learning and image processing techniques to accurately identify and analyze advertisements displayed on LED screens during sports matches, providing valuable data on their duration and visibility.
- By converting match videos into frames and using advanced algorithms, this project creates a unique dataset that enables the detection and tagging of ads on LED screens, paving the way for accurate analysis and evaluation of advertising efforts.
- Leveraging **U2net and cloud-based OCR** technology, this project aims to automate the identification of ad placements and extract relevant text information, ultimately providing comprehensive insights for companies investing in sports advertising.

Technology Used: Deep Learning | OpenCV | GCP

NEWS SUMMARIZER *May'2023 - Jun'2023*

- This individual project focuses on developing a news summarization system that utilizes both abstractive and extractive techniques to automatically generate concise summaries from news articles scraped from 50 different websites.
- By leveraging transformer-based **T5 and pegasus-X** sum models for abstractive summarization, and a pre-trained **BERT archite**cture for extractive summarization, the project aims to create a comprehensive news summarization system that captures key information from the articles.

Technology Used: Deep Learning | NLP

ACHIEVEMENTS

- Secured **AIR-293** in job-a-thon-10 organized by **Geeksforgeeks.**
- Selected as **Top 300** Data folks All India in Data-o-thon conducted by **Celebal Technologies**.

CERTIFICATIONS (View)

- **Microsoft Certified** : Azure Fundamentals AZ-900.
- Achieved **Elite** badge in **Data Analytics** with Python from **NPTEL (IIT MADRAS)**.
- Achieved **Elite Silver** badge in **Programming, Data Structure & Algorithms** using Python from **NPTEL (IIT KANPUR).**
- Completed **Machine Learning in Python** Certification from **Perfect-e-learning**.

TECHNICAL STRENGTHS

- **Language** : C++, Python, C, Java, SQL
- **Databases** : MySQL, PostgreSQL, NoSQL
- **Cloud** : MS Azure, Google Cloud Platfrom
- **ML/DL Frameworks** : Tensorflow, Pytorch, Scikit-learn.
- **Libraries** : Numpy, Matplotlib, Pandas, Seaborn, Flask, Open-Cv, Plotly & many more.
- **Tools** : Google Colab, Kaggle, VS Code, Terraform, Docker