

Veera Deepesh Gondimalla



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OBJECTIVE

"Aspiring Data Scientist enthusiastic about harnessing my passion for AI and Data Engineering. During the upcoming term, I am eager to further cultivate and apply my skills in AI-driven applications, contributing to impactful projects in the realm of Data Science."

EDUCATION

Bachelor of Technology (Artificial Intelligence),
Mahindra University, Hyderabad.
CGPA :- 7.36*/10 (till 7th semester)
2020 - 2024

Intermediate(MPC), St. Joseph Junior College,
Sunkesula Road, Kurnool.
Percentage :- 92%
2018-2020

10th Grade, Sri Chaitanya Techno School (SSC),
Himayat Nagar, Hyderabad.
CGPA :- 9.83
2017-2018

SKILLS

- Technical Skills
 - Python, Data Analytics, Machine Learning, Deep Learning, NLP and , LLMs, Computer Vision.
- Tools
 - Scikit learn, pytorch, Hugging face frame work, Git, numpy, pandas, LangChain.

RESEARCH AND PUBLICATIONS

AI - Assisted Learning for NVIDIA SDKs and Toolkits

This paper was published in October 2023. This paper aims in creating a chatbot for AI Assisted Learning for NVIDIA SDKs. We used **peft lora fine-tuning** technique on **FALCON 7B model** build the chat bot.

EXTRA CURRICULAR

- Held the position of **Mathematics Club President** in the university.

EXPERIENCE

- **AI and DataScience Research Intern**
 - Company :- Cyber Sapient
 - Duration :- June 2023 - Sept - 2023
 - Work :- Study the use-cases on AI
- **Data Science with Python Course Certificate**
 - From Simpli learn
- **AI Engineer Intern**
 - Company :- AI Unika Technologies.
 - Duration :- Feb 2024 - present
 - Work :-
 - Worked as computer vision engineer to train and test the models and also look after the dataset and the annotations of Road assets.
 - Worked as generative AI engineer and led the project to add a generative AI feature for the companies main project which involves Text2SQL models using LLMs.

PROJECTS

Conversational Chatbot for PDFs

- Built a Retrieval-Augmented Generation system to query and retrieve information from PDFs using LangChain, Chroma and Streamlit. Use Gemini pro model as LLM.
- Has a functionality to chat with the assistant about the pdfs and a special feature - read aloud.
- Used Chroma db for storing the vectors in vector db.
- Tools/ Technologies: Python, LangChain, Chroma, Streamlit.

Presentation Video Analysis using CV

- The project aims to build an AI model which analysis the presentation videos and gives the scores of 5 personality traits for examining a person. Made a **3-D Conv-LSTM** model for this project.
- The RMSE error was 0.05 on test set.
- Tools/Techniques used are **CV (Computer Vision), Open CV, Pytorch, pydub**.

Exploratory Data Analysis - Zomato Data

- This project aims to get insights from the given dataset about Zomato sales for dining as well as deliveries.
- Data Cleaning, processing, analysis and Visualization is done using python libraries such as matplotlib, seaborn etc.
- Tools/ libraries used :- re,, data analytics, numpy, pandas, seaborn, matplotlib.