

VUPPU UDITHA

📞 +91 7093538525 ✉ udithav2@gmail.com 📍 Hyderabad 500090 in <https://www.linkedin.com/in/uditha2/>

Professional Summary

Dynamic student with hands-on experience in Python, data analysis, database gained through internships and projects. Skilled in using Excel, visualization tools, and Python to drive insights and solutions. Looking for a position that aligns with my skills and utilizes my technical abilities and knowledge in a professional environment.

Experience

Data Analytics Intern, Mind Flow Technologies – Hyderabad, TG

Aug 2024 – Sep 2024

Hospitality Revenue Analytics

Conducted comprehensive revenue analysis for hospitality business, identifying trends and patterns impacting occupancy pricing strategies.

- Utilized Power BI to visualize data and generate dashboards allowing for easy monitoring of key performance indicators.

Data Science Intern, Null Class – Hyderabad, TG

March 2024 – May 2024

Emotion Detection

Developed a machine learning model to detect emotions in text data for sentiment analysis for social media

- Designed and implemented CNN-LSTM architecture and Utilized python, tensorflow and keras to achieve accuracy by 70 percent.

Projects

Automatic detection of retinal diseases in pediatric age using pupillometry

- Designed a model to detect retinal diseases in children using image processing and machine learning techniques.
- Improved disease detection accuracy by implementing a pupillometry-based approach, optimizing for sensitivity and specificity in the pediatric context.

A deep-learning based framework for robust traffic sign detection under challenging weather conditions

- Created a deep learning framework to improve traffic sign detection accuracy and reliability in adverse weather conditions.
- Achieved a 7.58 improvement in precision and a 35.90 increase in recall over existing benchmarks, with an overall precision of 91.1 and recall of 70.71.

Areas of Expertise

Languages: Python, SQL, Data Analysis, EDA

Libraries: Numpy, Pandas, Matplotlib, Tensorflow, Keras.

Tools: Excel, Power BI, MS Word

Soft Skills: Problem-solving, attention to detail, quick learner, good communication skills, team player

Professional Development

Data Science Course(Ongoing)

Geek for Geeks

- Focuses on Python, data analysis, Machine learning, NLP, SQL, Visualization tools, EDA, Data Pipelines.

Mongo DB (Ongoing)

Geek for Geeks

- Focuses on Non SQL database design, queries, and data management using Mongo DB.

Education

St. Martin's Engineering College, B. Tech Computer Science

Nov 2020 – Jul 2024

- GPA: 8.12/10