Mahesh D

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LinkedIn | GitHub | LeetCode

EXPERIENCE

Data Science Intern	**Jesper Apps**	**06/2024-07/2024**

- Developed models to classify the extracted text from the image using large language models.

Machine Learning Intern	**Feynn Labs**	**03/2024-05/2024**

- Conducted market segmentation analyses utilizing advanced machine learning techniques to optimize target audience identification and marketing strategies.

PROJECTS

1. **Sports Celebrity Image Classification [GitHub Link]**
   [Skills: Numpy, OpenCV, SkLearn]
   - Designed a sports celebrity image recognition system using Haar cascade files for face and eyes detection, coupled with Logistic Regression
2. **Construction Cost Estimator [GitHub Link]**
   [Skills: Pandas, Numpy, SkLearn, Flask]
   - Developed a web-based property price predictor utilizing machine learning algorithms within a Flask framework, allowing users to input property features and receive accurate price estimations, enhancing decision-making processes in real estate transactions.
3. **Visiting card recognition [GitHub Link]**
   [Skills: Llama3 and Pytesseract]
   - This is a web-based application designed to extract and organize information from images of visiting cards. The application leverages OCR to convert text from images into structured data, using a language model to format and present this data coherently
4. **Banglore House Price Prediction [GitHub Link]**
   [Skills: NumPy, Pandas, Flask, Pickle]
   - Engineered a home price prediction system leveraging Regression Algorithms in Machine Learning, leading to a 20% improvement in accurate price estimates. Enhanced user experience and engagement on the platform through precise property valuation

SKILLS

- **Data Science:** Pandas, Big Data, Numpy, OpenCV, Machine Learning, Deep Learning, NLP (Natural Language Processing), Flask, TensorFlow, MS Excel, PowerBI, LLM (Large language models)
- **Technologies:** Java, C, C++, Python, Data Structures, HTML, CSS, MySQL

ACHIEVEMENTS

- 3rd Prize in Intra-College Crack the code contest
- 3rd Prize in Intra-College Modelathon contest

EDUCATION

- **Bachelor of Technology- Computer Science, Alliance University, Bengaluru**
  09/2021 - Present, CGPA: 2.7/4
- **Holy Cross Matriculation Higher Secondary School, Denkanikottai**
  03/2020 - 03/2021, Percentage: 85.1%