Abhay P

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Summary

Motivated engineering student with a focus on coding and problem-solving, proficient in Python and C. Experienced in software development, machine learning, and data analysis, with a track record of building practical, innovative solutions. Strong ability to apply technical skills to solve complex challenges, seeking opportunities to contribute to high-impact projects in a fast-paced, collaborative environment.

Skills

- **Programming languages:** Basic JavaScript, Basic Python
- **Version Control**: Git, GitHub

Education

Sreepathy Institute of Management and technology - Palakkad, KL | Bachelor of Engineering
Computer Science Engineering, 2025

K.H.S.S - Palakkad,Kerala | HSE
12th: Computer Science, 2021
Percentage : 94%

K.H.S.S - Palakkad,Kerala | SSLC
10th, 2019
Percentage : 92%

Projects

SIMAT | Dr Hema P Menon
ASTER MEDCITY | Dr Davidson Devasia
Classification Model for Different Stages of Seizure
- Description: Created a machine learning model to classify different stages of seizure using Random Forest and K Means clustering in Python.
- Technologies Used: Python, Random Forest, K Means, scikit-learn
- Key Responsibilities:
- Preprocessed EEG data to extract relevant features for classification
- Implemented Random Forest for classification and K Means for clustering

SIMAT | Dr Hema P Menon
Automatic Exam Paper Evaluation
- Description: Implementing a machine learning based grading system.
- Technologies Used: Python, DTrOcR,AWS-textract,DEAS,
- Key Responsibilities:
- Develop a handwriting recognition system using transformers and OCR techniques available for accurate text extraction.
- Incorporate T5 & LDA models to assess answer based on predefined marking schemes.

Internship

- ASTER MEDCITY, Research Internship Project on "CLASSIFICATION OF EEG SIGNALS" for predicting seizure.
- SIMAT, Research Internship Project on "AUTOMATIC EXAM PAPER EVALUATION SYSTEM" for evaluating handwritten exam paper.