Name Dharineesh Karthikeyan

PROFILE

A Data Science Student, who is interested in the areas of Data Scienceand Visualization, Statistical Analysis, Machine Learning and Artificial Intelligence.

A curious learner, that is always looking forward to discovering and learningnew tools/technologies related to the field.

EDUCATION

- **B.Tech Computer Science and Engineering**
  CGPA – 8.81/ 10   **2019-2023**
  Amrita Vishwa Vidyapeetham
- **Class 12** – 85.33%   **2019**
  Institution: Sri Chaitanya
- **Class 10** – 92.0%   **2017**
  Institution: Silver Oaks International School

TECHNICAL INTERESTS

Deep Learning
Machine Learning
Statistical Analysis
Natural Language Processing

PROJECTS

- **Movie Watch List App**

  A windows app where we can keep track of the movies/shows we watch and note down futureupdates about them if needed.

- **Video Game Sales Data Analysis**

  A business-based data analysis of the sales data over the years, to help video game industriesto identify trends, market, and demand better.

- **Facial Emotions Detector**

  An OpenCV project capable to detect differentkind of the emotions from the facial expressions ofa person.at real time.

- **Traffic Detection using YOLOv3**

  Using YOLO model to help detect pedestrians,traffic objects and different types of vehicles such as cars, motorbikes, etc. at different settings suchas high traffic, dark roads, far away traffic and many more.

- **AutoML App (Working at Present)**

TECHNICAL SKILLS

Python
MATLAB
Java
Hadoop
R
C
C++
SQL
Hive
Pig
Tableau

WORK EXPERIENCE

ML/DL Intern
Xen.Ai | Aug 2021 – Mar 2022 (8 months)
- Worked as a team member for the OpenIndustry.AI division.
- Successfully built an ML system capable of **performing steeldefect anomaly detection** from images collected in various stages of the steel production line.
- Also, contributed in building a **Telematics** for truck data todetect anomalies in truck.

Applied Machine Learning and Data Science
IIT Kanpur | Apr 2020 – Jun 2020 (3 months)
- Worked on a collaborative **Sentimental Analysis ML** projecton real world twitter data.
- Raw twitter data had to undergo many stages of data cleaning,to make it more friendly for the ML model to understand.
- A comparative study of the different models and vectorization methods was conducted and the results have been neatly notedand submitted in the form of a report.

CERTIFICATIONS

1. Revit 2018 - AUTODESK - 2018

2. Role of engineers for sustainable development, Salem west civil engineers' association 2019.

LANGUAGES

Malayalam

Tamil
English