SRIRAM KRISHNAMOORTHY

DATA SCIENTIST, COMPUTER VISION ENGINEER

CONTACT INFO

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SKILLS SUMMARY

- Machine Learning
- Deep Learning
- Data Analytics
- CV and Vision Analytics
- Data Story telling
- Predictive Analysis
- Data Visualization
- Model Development and Improvement
- Data Preprocessing
- Image Annotation
- Object Detection
- Image Classification
- SQL, NOSQL

EXPERIENCED TOOLS

- Python, C++
- VMs (Linux, Windows)
- FastAPI, HeroKu
- Flask, StreamLit, Plotly-Dash
- Filezila, Winscp
- LabelImg, Label Studio, Doccano
- R, SPSS, Tableau, PowerBI
- Open Drone Map (ODM)
- Microsoft Azure, AWS (DevOPs)
- MySQL, RedisDB
- Git, Github
- LabVIEW, MATLAB

ACHIEVEMENTS

- won **Promising Achiever Award** March 2024 for Valuable contributions at Metayb

SUMMARY

I am having 3+ years of experience in solving complex data set problems using a variety of Data Science tools. An excellent cross analytical individual with a solid apt to work on adaptive learning and collaborative skills. I am Seeking a position to exhibit my expertise and evolve professionally.

WORK EXPERIENCE

Data Scientist

Metayb Pvt Ltd., | Chennai, India | Jan 2024-Present

Project: Cassava Plant detection
- Annotated more than **50 drone image dataset**
- Developed DL algorithm **(Deep Forest)** from scratch to perform Image stitching and object detection **(achieved 90% Accuracy)**
- Achieved **2 KPI metrics** and Developed **Lite Frontend using StreamLit**

About the Organization:https://metayb.ai

Data Scientist

MerchantRMS Inc., | Chennai, India | Apr 2022- Jan 2024

Project: Visu.ai - Advanced AI CCTV Surveillance
- Annotated more than **100K real-time** image dataset
- Developed ML and DL algorithms from scratch to make Objection detection and Classification
- worked on Model Improvement and Integration with different Framework like **Pytorch, Tensorflow, TensorRT**
- worked on **pre and post-processing methods** to increase **Accuracy by more than 90%**

About the Organization: https://www.merchantrms.com/

Python Developer Intern

UMCIE, UMDT 2.0, University of Malaysia | Oct 2021-Apr 2022

Project: An Intelligent System for Identification and Analysis of Human Physical Exercise Postures
- Developed **CV methods for 20 Exercises** to analyze postures
- Developed **2 unique counting methodologies** for Exercise analysis
- worked on post processing methods to improve the **model accuracy up to 85%**
- Bagged **RM 10500** to create Data product

About UMCIE: https://umcie.um.edu.my/index

Data Analyst and IoT Engineer

ABE Semiconductor Designs, Chennai, India |Nov 2019-Jan 2020

Project: Real Time tracking of the Critical Health Signs of the Patients using Fog Node and Machine learning Techniques
- Developed **50 Node** Simulated IoT System for the data acquisition
- Analyzed suitable embedded modules and implemented **5 Real time Health Nodes**
- Developed **ML algorithms to identify critical health node** and improved the **Model accuracy to 82%**
- Deployed and implemented the algorithms with Ras Pi Boards

About the Organization: https://abegroups.com

EDUCATION

University of Malaya, Malaysia (QS Ranking- 65)

Master Degree | Feb 2020 - Oct 2021
- CGPA- 3.71/4.0 | Major in Control Engineering

Kongu Engineering College, Tamil Nadu, India

Bachelor Degree | July 2015 - April 2019
- CGPA: 8.15/10.0 | Major in Instrumentation Engineering