Giritharan M

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Madurai, TamilNadu

LinkedIn Profile

https://www.linkedin.com/in/giritharan-m-2604/

Professional Objective

To utilize my skills for the growth of my organization and leading to personal and professional growth.

Education

B.E - Electronics and Communication Engineering

Thiagarajar College of Engineering • Madurai, TamilNadu 06/2021

- CGPA: 8.20

Diploma - Electrical and Electronics Engineering

Tamilnadu Polytechnic College • Madurai, TamilNadu 04/2018

- Mark: 93.02%

10th - Sate Board

Dhanapaul Hr Sec School • Madurai, TamilNadu 03/2015

- Mark: 90%

Area of Interest

- Micro controller
- Digital electronics

Skills

- C
- CSS
- HTML
- Basics of Python

Personal Skills

- Positive attitude
- Team spirit

Co-Curricular Activities

- Attended one-day workshop on “Art & Science of learning” which was conducted by Dr.C.Muruganantham at Thiagarajar College of Engineering, Madurai, 2018.

- Attended one week on a college internship (Jun - 2019).
- Attended the "National Level Technical Quiz" which was conducted by Dr. K. Manoharan at SVS College of Engineering, Coimbatore, (Jun – 2020).
- Completed "HTML, CSS, and Javascript for Web Developers" a 5-week course in 2020 – Coursera.

Projects

Image Features Database Creation For Crop Identification

Identify the different crops 01/2021 - 05/2021

Objectives:

To identify the different varieties of crops using different feature extraction to their techniques.

Methodology:

Our project's work is primarily focused on reducing the amount of pre-processing work needed for training datasets and determining the best machine learning approach for crop images and recognition by comparing accuracies.

Output:

The Crop identification is based on seven different features and a machine learning algorithm is used. Using the SVM classifier, the Histogram oriented gradient (HOG) tops the list with an accuracy of 93.33 percent.

Vegetation Monitoring Using Hyperspectral Remote Sensing

Find the vegetation using satellite images 07/2020 - 11/2020

Objective:

The idea is to analyze the biochemical properties, Nutrients, Moisture content in the satellite image, and also monitoring the vegetation area.

Methodology:

To compare the images and apply the remote sensing technique to obtain the required data using the environment for Visualizing Images software.

Output:

Finally, I got the required data from that image. It is easy to identify water, soil, and crop area.

Hobbies

- Watching the videos
- Playing Chess
- Exploring new technologies

Languages

- Tamil
- English