



Pretty Joy

Kappakkalayil (H)
Kothanalloor (P.O)
Kottayam (Dis)
Pin 686632

Contact : 9645245580
Email : prettyjoy2011@gmail.com

OBJECTIVE

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self development and help me achieve personal as well as organisational goals.

SKILLS

- HTML
- CSS
- Python(Django)
- C
- C++
- SQL
- JavaScript
- RHEL9
- Matlab

REFERENCE

Mrs. Divya S - HOD computer science department
BCM college kottayam
+91 94469 83677

Mrs. Reena - HOD computer science department
Gov. engineering college idukki
94475 78632

EDUCATION

Kerala Technological University

Mtech in Computer and Information Science

Passing Year - **2019**

Grades : **8.65 CGPA**

CUSAT

Btech in computer Science

Passing Year - **2016**

Grades : **7.53 CGPA**

Emmanuels H. S. S kothanalloor

Plus Two

Passing Year - **2011**

Grades : **82%**

Emmanuels H. S. S kothanalloor

SSLC

Passing Year - **2009**

Grades : **93%**

EXPERIENCE

Government Engineering College Iduki

Assistant Professor

Duration : **25/10/2021 - 26/5/2022**

BCM college kottayam

Assistant Professor

Duration : **1/1/2020 - 31/3/2020**

Skiltek private iti

computer teacher

Duration : **2/6/2016 - 30/6/2017**

ACHIEVEMENTS & AWARDS

- Having a course completion certificate in Python with full stack development and a Red Hat system engineering course.
- Published a conference paper "proxy server protection for web search" in IJCST
- Published survey paper "Automatic number plate recognition system" in IJSER
- Published Research Article "Advanced Traffic Management System Using Automatic Number Plate Recognition System" in IRJET
- Completed my internship from KELTRON
- Participated in hands-on workshop on IMAGE PROCESSING using MATLAB conducted by CoreEI technologies India Pvt Ltd
- Achieved A grade in district level for maths talent exam

PROJECTS

PUBLIC DISTRIBUTION SYSTEM

It is developed to integrate all the requirements of the supply office, wholesale

dealer, ration shop dealer, FCI, and the card holders. Customer will receive notification of their successful registration and stock allotted to them.
Front end: PHP, Back end : MySQL

SUPPORTING PRIVACY PROTECTION IN PERSONALISED WEB SEARCH

Personalised based on frame work containing utilities for privacy preserving. Profile generalization is implemented. In this , present a search engine which provides privacy to the users as well as serve as a perfect search engine. Framework called UPS that provides runtime generalization along with two algorithms namely GreedyDP and GreedyIL
Front end: ASP.NET, Back end: MySQL

CASCADED PART BASED SYSTEM FOR FINE GRAINED VEHICLE CLASSIFICATION

vehicle models are identified using this project. Training is done using a novel greedy parts localization, and a practical multi-class SVM algorithm. Features are extracted using HOG feature extraction technique. The proposed approach achieves an average accuracy of 97.01% on our challenging data set. Mat lab2015 is used

ADVANCED TRAFFIC MANAGEMENT SYSTEM USING AUTOMATIC NUMBER PLATE RECOGNITION SYSTEM

using my project we can identify fake vehicles. Vehicles model and Number of the vehicle is identified and it is compared with the RTO database. If the number and model is not correctly matched with the RTO database an alert is going to police headquarters. Vehicle model is identified using OCR and model is recognized using CNN.

STRENGTHS AND WEAKNESS

Sincere , Confident, Leadership, Punctual, Hard-working, Patience, Self-motivation
Emotional