NEJMA M.A
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Contact Address:

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Res: 0485-256628

Qualification :
B.TECH(2007-2011)

M.TECH(2012-2014)

Discipline   : Computer science and Engineering.

Personal Data:

Date of Birth : 20/05/1990

Sex   : Female

Nationality   : Indian

Marital Status: Married

Languages   : English, Hindi,
Known   Malayalam.

Objective

"To work in an organization where I can use my knowledge and skills appropriately and to cope with new trends that will aid to improve my skills".

Technical Expertise

Programming Languages:

C, C++, JAVA.

Operating System :

Windows, Linux.

General:

MS Office.

Publications

- ➢ **Published the paper "Spatial and Transform Domain Technique for Image Fusion"" In proceedings of ""*UGC Sponsored National conference on Information and Communication Technologies*" held during March 4-5-2014 at Baselious Poulose II Cathoolicos College, Piravom, Kerala.**

- ➢ **Published the paper "Salient Map Creation and Database Retrieval Based on Salient Features""In proceedings of IEEE International conference on *"Current Techniques in Medical Image Analysis (CUTECMIA,14)",* held at Adi Shankara Institute Of Engineering And Technology, Kaladi 6th - 9th August 2014.**

Academic Details

Course	Board/University	Institution	Percentage	Year of Passing
M.Tech (Computer Science & Engg)	Mahatma Gandhi University	KMEA Engineering College, Aluva.	CGPA - 8.23	2014
B. Tech (Computer Science & Engg.)	Mahatma Gandhi University	IIahia College Of Engineering &Technology, Muvattupuzha	69.4%	2012
H.S.C	Kerala State Board	Muslim Girls HSS Erattupetta	77.6%	2007
S.S.L.C	Kerala State Board	Muslim Girls HSS Erattupetta	86.8%	2005

Training

Undergone One month training program on 'Advanced Computer Networking at BSNL, RTTC Trivandrum.

Experience

- Worked as Guest Lecturer in Government Polytechnic College Purapuzha from 22/08/2022 to 15/05/2023.
- Worked as Guest Lecturer in Government Polytechnic College Purapuzha from 01/02/2022 to 22/07/2022.
- Worked as HSST Computer Science/Computer Application on guest basis in Muslim Girls Higher Secondary School from 01/06/2011 to 31/12/2011.

Project Details

Main Project (M.Tech) : Salient Map Creation And Database Retrieval Based On Salient Features.

Many saliency detection algorithm have been proposed for extracting feature in spatial or transform domain. Here low-level features based saliency detection model, with the help of wavelet transform domain is introduced. At first, the wavelet transform is employed to Create the features maps, which used to represent different features from edge to texture. This saliency detection model is based on high-pass coefficients of the wavelet decomposition after eliminating some high-frequency component of the image. The idea is to create the features maps by IWT on the multilevel decomposition. Then, model for the saliency map creation from these features is proposed. Based on these saliency maps common saliency from multiple images is extracted and the matching images based on input images are retrieved. For this matching purpose weakly supervised learning technique is used.

SVM (Support Vector Machine) is actually designed for binary classification. A multi-SVM technique, in which one against all implementation is used. For saliency map creation in video, it should be converted to frames.

Declaration

    I hereby affirm that all the information provided by me in this resume is true and correct to the best of my knowledge and belief.

Date: **NEJMA M.A**

Place : Ernakulam