

RESUME

JYOTHISH VR

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OBJECTIVE

Seeking the position of a Computer Science Lecturer in an organization that will give me an opportunity to pass on my knowledge to the students in an innovative manner.

ACADEMICS

2019 - M. Phil Computer Science - 84%.

School of Computer Sciences, M. G. University, Kottayam.

2017 - M. Sc. Computer Science - 71%.

School of Computer Sciences, M. G. University, Kottayam.

2015 - B. Sc. Computer Science - 64%.

Mahatma Gandhi University, Kottayam. (College of Applied Science, Peermade)

2012 – THSE - 66%.

Technical Higher Secondary School, Peermade.

2010 – THSSLC - 87%.

Technical Higher Secondary School, Peermade.

AREAS OF INTEREST

- To deliver classroom lectures
- To design and develop software for any kind of real time problems
- Implement different programming language into applications

TECHNICAL SKILLS

- Languages : C, C++, Java, Python, SQL
- Packages : Microsoft Office 2007
- Operating System : Windows, Linux

SOFT SKILLS

- Good communication
- Good Leadership quality
- Good team player

AWARDS & ACHIEVEMENTS

- Program Coordinator of **INTERFACE 2016 (National Level IT Fest)** conducted by School of Computer Sciences, M. G. University, Kottayam.
- I attended the training program on **GEOLOGICAL DISASTER** for NSS Volunteers, organized by Institute of Land and Disaster Management.

LANGUAGES KNOWN

English	:	(Read, Write, Speak)
Malayalam	:	(Read, Write, Speak)
Tamil	:	(Read, Speak)

ACADEMIC PROJECTS

M. PHIL DISSERTATION

Title : Efficient Image Segmentation Approaches using Superpixels

The major intension of the proposed work is to segment satellite images using efficient images segmentation approaches. Superpixels are modification pixels with come collective property, used to overcome over-segmentation and heterogeneity in satellite images. The proposed work uses pixel based colorization technique to enhance the superpixel generation and a combined approach for building fool print detection. Dice Similarity Coefficient is used to calculate accuracy. The proposed method is applied in vegetation detection, calculating the area of vegetation, sunglint detection and correction.

(IDE: **ANACONDA (Spyder)**, Platform: **Windows 10**, Language: **Python**)

M. Sc. COMPUTER SCIENCE

Title : Object Detection using Faster RCNN

The objective of our project is to identify existing objects in a given image. This system detects same kind of multiple objects from input image. This system use the Region based Convolutional Neural Network (RCNN) for object detection.

(Front End: **Python Qt**, Platform: **Debian 8.1**, Framework: **CAFFE**, Language: **Python**)

B.Sc. COMPUTER SCIENCE

Title : Tollbooth Plaza

The objective of our project is to manage a TOLLBOOTH .It is intended to collect toll according to number of tires and view the summary of toll collected.

(IDE: **Eclipse**, Back End: **M. S. Access**, Language: **Java**)

PUBLICATION

Article Title : An Efficient Image Segmentation Approach using Superpixels with Colorization

Journal Title : Procedia Computer Science, **ELSEVIER**

Reference : PROCS38408

Year : 2019

PERSONAL DETAILS

Name of Father : A V RAJ

Occupation : Field Officer, Animal Husbandry Department, Kerala

Sex : Male

Date of Birth : 21/02/1995

Marital status : Single

Nationality : Indian

Religion : Hindu

Driving License No : 37/1545/2014

Hobbies : Traveling, Listening Music, Playing Chess, Internet Surfing

DECLARATION

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief.

Date:

Place:

Yours Sincerely



(JYOTHISH V R)