Minesh Mathew

PhD in Computer Science
at IIIT Hyderabad
Advisor: Prof. CV Jawahar

Center for Visual Information Technology (CVIT)
IIIT Hyderabad, 500032, Hyderabad, India
Email.:mineshmathew@gmail.com
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Skills

PROGRAMMING
Python

LIBRARIES
Pytorch, Keras,
scikit learn, opencv

Coursework

Machine Learning
Computer Vision
Neural Networks
Optimization Methods
Speech Systems
Digital Image Processing

Education

2015-
PHD IN CSE
IIIT Hyderabad
CGPA : 8.5

2013-2015
MS BY RESEARCH IN CSE
IIIT Hyderabad
CGPA: 8.2

2005-2009
BTECH CSE
NIT Warangal
CGPA: 6.7

2005
12TH
THSS Muttom, Kerala
Percentage: 89.5

Reference

Prof. CV Jawahar
IIIT Hyderabad
jawahar@iiit.ac.in

Prof. Dimosthenis Karatzas
UAB Barcelona
dimos@cvc.uab.es

R. Manmatha
Amazon
manmatha@amazon.com

Experience

2013-2015	**CVIT, IIIT Hyderabad**	**Project Engineer**

The project was MCIT, GoI funded, aimed at developing OCRs for Indian languages. My role was to improve upon an SVM based recognition module.

2012-2013	**ASAP Kerala**	**Skill Development Executive**

ASAP is an initiative by the Goverment of Kerala to increase the employability of Higher Secondary and undergrad students in government schools/colleges. My job was to help the students improve their basic communication and IT skills, and to equip them for the next levels in the training.

2009-2011	**S&P Global Market Intelligence**	**Business Analyst**

My work included collecting requirements from the clients, draft software design documents and most importantly to work as a liaison between the tech team and the clients/users.

Achievements/Awards

2017	Best Paper; Int'l Workshop on Arabic Script Analysis and Recognition
2016	TCS PhD fellowship
2015	Runner up - Micorosoft Azure ML Hackathon held at IIIT Hyderabad

Academic Services

Reviewer for WACV, ICVGIP, PR and IEEE TNNLS
2021 Organizer - DocVQA workshop and DocVQA challenge at ICDAR 2021
2020 Organizer and Challenge Chair, Text and Documents in the Deep Learning Era Workshop, CVPR 2020
2019 Organizer, Scene text VQA challenge, ICDAR 2019

Selected Publications

- Minesh Mathew, L Gomez, D Karatzas and CV Jawahar, Asking Questions on Handwritten Document Collection, (Under submission in IJDAR)
- Minesh Mathew, D Karatzas and CV Jawahar, DocVQA: A Dataset for VQA on Document Images, WACV 2020
- Sangeeth Reddy, Minesh Mathew, L Gomez, M Rusinol, D Karatzas and CV Jawahar, RoadText-1K: Text Detection Recognition Dataset for Driving Videos, ICRA 2020
- Minesh Mathew, AK Singh, and CV Jawahar, Multilingual OCR for Indic Scripts, DAS 2016
- Kartik Dutta, P Krishnan , Minesh Mathew, and CV Jawahar, Improving CNN-RNN hybrid networks for Handwriting Recognition, ICFHR 2018