

# 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: minesmathew@gmail.com  
Web: <https://minesmathew.github.io/>

## 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](mailto:jawahar@iiit.ac.in)

Prof. Dimosthenis Karatzas  
UAB Barcelona  
[dimos@cvc.uab.es](mailto:dimos@cvc.uab.es)

R. Manmatha  
Amazon  
[manmatha@amazon.com](mailto: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 Government 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 - Microsoft 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

- Total Citations: 173, h-index: 8, i10-index: 6** ( Google Scholar on Dec' 2020)
- 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