

MONESH S

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22, School Street, Kalavai, Ranipet District, Tamil Nadu - 632506

PROFESSIONAL GOAL

- To encourage creativity and higher order thinking in a way that increases students performance.
 - Seeking a teaching position in a reputed institution that leverages my teaching and research experience.
 - To work with my full efficiency and integrity in long term association with any reputed institution or organization.
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WORK EXPERIENCE

Vellore Institute of Technology

2022 - Present

- Working as Teaching cum Research Assistant

Jerusalem College of Engineering

2021 - 2022

- Served as an Assistant Professor
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EDUCATION

Doctor of Philosophy (Pursuing)

2022 - Present

- Domain : Computer Vision, Deep Learning
- Vellore Institute of Technology, Vellore

Master of Engineering - 78%

2019 - 2021

- Domain : CSE in specialization with Big data analytics
- College of Engineering, Guindy Campus, Anna University, Chennai

Bachelor of Technology - 79%

2015 - 2019

- Domain : Information Technology
- Hindustan Institute of Technology and Science, Chennai

HSC - 59%

2014 - 2015

- Domain : Computer Science
- ASM Lakshmi Metric School, Ranipet

SSLC - 86%

2012 - 2013

- ASM Lakshmi Metric School, Ranipet
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ONLINE COURSES

- Data Engineering, Big data and ML on GCP specialization course certified by Google Cloud
 - Feature Engineering on GCP by Google Cloud
 - Computer Vision by IIT, Kharagpur
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PUBLICATIONS

- Digitized Bus Ticketing Framework **(SCI Indexed)**
 - Visual Relationship Prediction and Scene Graph Generation using Bi-GRU
 - Designing and testing of renewable energy based electric vehicle with GSM Technology **(SCI Indexed)**
 - Review of Scene graph generation methods **(SCI Indexed)**
 - Biformer for Scene graph generation based on VisionNet with Taylor Hiking Optimization Algorithm **(SCI Indexed)**
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PATENTS

- Deep learning based automated cow distraction device from plastic materials **(published)**
 - AI-Powered Tire Pressure Monitoring System for Heavy vehicles **(published)**
 - AI-Powered Smartwatch for food intake monitoring and recommender system **(published)**
 - AI-Powered smart eyeglass generates scene graph knowledge for clinical surveillance **(published)**
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FDP'S ATTENDED

- Attended a Five day workshop Comprehensive hands on sessions on computer vision and artificial intelligence towards applied research by TLCE, VIT, Vellore.
 - Attended a one day on Digital twin and deep learning AI driven approach for smart factories by TLCE, VIT, Vellore.
 - Attended a Half-day FDP on A research opportunity after PhD by TLCE, VIT, Vellore
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AWARDS

- Received Dr. APJ Abdul Kalam Award for the publication of an review article in the Scopus Indexed Journal with the impact factor of 0.6
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PROFESSIONAL SKILLS

- Languages : C, Java, Python, SQL
- Cloud Environment : Google cloud Platform
- Domain : Computer Vision, Deep Learning, Graph Learning

SOFT SKILLS

- Languages : Tamil, English, Telugu (Speak)
 - Learning new things
 - Able to handle multiple task
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DECLARATION

I, Monesh S., solemnly declare that the particulars furnished above are true and correct to the best of my knowledge and faith. I promise that I am aware that if any of the information furnished above is found to be wrong, I may have to withdraw my application.

signature
Monesh S