Gokul Karthik

gokulkarthik.com | mail@gokulkarthik.com | 📍 Abu Dhabi, UAE

LINKS

LinkedIn:// gokulkarthik
GitHub:// gokulkarthik
Medium:// gokulkarthikk

CERTIFICATIONS

UDACITY
Computer Vision Nanodegree

COURSERA
GANs Specialization
Futures Thinking Specialization
Deep Learning Specialization
Applied Data Science Specialization

NPTEL
Social Networks Course

DATACAMP
Data Analyst Career Track

SKILLS

TECHNOLOGIES
•Data Science •Machine Learning
•Computer Vision •Text Mining

PROGRAMMING
•Python •C++ •R •MySQL •LaTeX

PLATFORMS
•GCP •AWS •MS Excel
•Tableau •QlikView

SOFTWARE FRAMEWORKS
•Git •HTML •CSS •JS
•Shiny •Android

VOLUNTEERING

ANNA UNIVERSITY, TCE
AI work group founder
ACM student chapter chair
National Service Scheme member
Rotaract Club member
Student representative
Placement representative

EDUCATION

MBZUAI | MSc in Computer Vision
2021/Aug - 2023/May   📍 Abu Dhabi, UAE
–CGPA: - / 4
–Member of SPRINT-AI (Security, Privacy and Trustworthiness in AI) Lab
Relevant Coursework:
•Human and Computer Vision •Machine Learning

ANNA UNIVERSITY | BTech in Information Technology
2015/Jul - 2019/May   📍 TCE, Madurai, India
–CGPA: 9.74 / 10 | Department Rank: #1 out of 130
–Awarded with Gold Medal of Excellence - Overall Best Outgoing Student
Relevant Coursework:
•Object Oriented Programming •Data Structures and Algorithms •Web Technologies
•Data Base Management System •Software Engineering •Big Data •Data Mining

EXPERIENCE

MBZUAI | Research Assistant
2021/Jan - 2021/Jul   📍 Abu Dhabi, UAE
–Developed a double encoder architecture for unsupervised adversarial classification

TCS RESEARCH & INNOVATION | Machine Learning Developer
2019/Apr - 2020/Nov   📍 Chennai, India
–Improved retail sales prediction using N-Gram models and Deep Neural Networks
–Implemented existing SOTA spatio-temporal travel time prediction models
–Developed intelligent employee profile retrieval system using text mining techniques
–Developed yield prediction model for hybrid corn crops
–Developed computer vision pipeline to solve curved text extraction

IIT MADRAS / ONE FOURTH LABS | Project Intern
2018/Dec - 2019/Mar   📍 Chennai, India
–Developed robust scene text recognition architecture for Indian languages
–Implemented EAST for Indian signboard scene text detection
–Developed handwriting recognition system using CRNN

MINI PROJECTS

Indian Signboard Translation
Deep Learning Projects: Style Transfer, Image Segmentation etc.
Cryptocurrency Market Prediction using LST-Net
GitHub Social Network Analysis

HONORS

2021   Selected for the startup incubation program by khalifainnovation.ae
2020   Winner of Image Enrichment Challenge 2 by TCS
2019   Innovation Pride Award by TCS for winning the MFDM AI Hackathon
2019   Special Initiative Award by TCS for data driven solution to profile hunt
2019   Winner of IIT Madras AI Hackathon for safest route prediction system
2019   Gold Medal of Excellence for the best outgoing student of TCE
2018   Winner of Guvi-MithrAI-HCL AI Open Hackathon on text analytics
2017   All India rank 1 in the NPTEL course 'Social Networks'
2017   Top 8 in the MHRD Smart India Hackathon on smart evaluation