Omar Mahmood

omarmahmood11@gmail.com | +919741449575 | 4nm20ai031@nmamit.in

EDUCATION

NMAMIT, NITTE
B.E in AI and ML
2020-2024| Mangaluru, KA

MAHESH P.U COLLEGE
PCME, Science
2018-2020 | Mangaluru, KA

LINKS

Github:// **OmarMahmood11**
LinkedIn:// **Omar Mahmood**

COURSEWORK

UNDERGRADUATE
Natural Language Processing
Machine Learning
Image and Video Processing
Cloud Computing
Data Structures and Algorithms
Linear Algebra and Probability Theory
Database Management Systems

CERTIFICATIONS
Google Data Analytics
(Specialization)
IBM Applied AI
(Specialization)
IBM Foundations for Business
(Specialization)

SKILLS

PROGRAMMING
Languages:
Python • C • SQL • R • Solidity

Libraries:
Tensorflow • Keras • Scikit-learn
NumPy • Pandas • OpenCV
Matplotlib • NLTK

SOFT SKILLS
Public Speaking • Communication
Leadership • Problem-solving
Collaboration

INTERESTS/HOBBIES
Photography • Modelling • Game Design
Film-making • 3-D Animation

LANGUAGES

English • German• Hindi
Urdu • Kannada •Arabic

LEADERSHIP EXPERIENCE

SOFT SKILLS ASSOCIATION, NMAMIT | Vice-President
Sep 2022 - Jun 2023 | Nitte, KA
- Facilitated and guided pre-final year and post-graduate students in placement training sessions, fostering their professional development.
- Spearheaded training initiatives, mentoring fellow peers in public speaking and enhancing their communication skills.

TURING AI STUDENT ASSOCIATION, NMAMIT | President
Sep 2022 – Jun 2023 | Nitte, KA
- Orchestrated a Tech-Expo showcasing diverse projects centered around AI and ML, promoting technological innovation.
- Led and coordinated various branch events and activities, promoting camaraderie, student engagement, and productivity.
- Effectively managed departmental functions and event logistics, ensuring smooth operations and seamless execution.
- Hosted impactful IT webinars and workshops, imparting valuable knowledge to a wide audience.

PROJECTS

DEPARTMENT OF AI/ML, NMAMIT |Student

- Developed a machine learning-based computer vision system for heartbeat detection using motion magnification, analyzing video and applying signal processing techniques to detect subtle motion patterns.
- Implemented RFID-based attendance tracking system, integrating database management, SQL, and user authentication functionalities.
- Built a machine learning-powered 'Reverse Image Search Engine' using computer vision, enabling users to search for similar images.
- Built an Attendance Tracking System using Python, featuring a credential interface for students and administration.

EXTRACURRICULAR ACHIEVEMENTS

- Publicity Committee member for national techno-cultural fest, Incridea.
- Competitor in British Parliamentary Debate at VTU's 'Yuvotsava 2023'.
- Achieved victories in team and individual competitions as a member of 'Liquid Gold' fashion team.
- Winner of short film competition on "Mental Health Awareness" during World Suicide Prevention Month.
- Finalist in Rotary Yadalam Shield Debate Competition 2023.
- Worked as a Hustler at Under25 Summit 2023.
- Won inter-college competitions, including improv and jams.