

MANZOOR BIN MAHMOOD

Enthusiastic Learner

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EDUCATION

PES Institute of Technology

📅 August 2016 – Ongoing 📍 Bangalore, India

- Bachelor of Engineering-Electronics and Communication.(CGPA 7.72 Till 7th sem)

Modern Academy (XII)

📅 2015 – 2016 📍 Lucknow, India

- The Indian School Certificate (ISC) (Percentage- 93)

City Montessori School (X)

📅 2013 – 2014 📍 Lucknow, India

- The Indian Certificate of Secondary Education (ICSE) (Percentage- 94)

EXPERIENCE

Research and Development Internship

📍 Mavom Labs Pvt. Ltd., Bangalore

- Worked on dehydration biomedical device. Involves the development of hardware device as well as android application development and managing the database. Data analysis was done on collected dataset.

PROJECTS

Smart India Hackathon 2018

- Smart India hackathon (software edition) organized by the ministry of social justice and empowerment government of India. To develop a code using image recognition to facilitate the communication between differently abled people who use sign language and people who communicate normally. So that communication between deaf, dumb, and normal people become easy.

Gesture controlled robotic vehicle

- Participated in Kludge,a 24 hour technical hardware hackathon. Developed a hand wearable device which have sensors and can be use to detect hand gesture. Detected gestures was used to control vehicle.

Swarm robotics

- It is a well connected network of mini robots that will able to communicate with each other and work as a team. A given task is completed by robots working in coordination with each other. Hardware used is ESP-8266 and software part is done on Arduino IDE.

Paper presentation at National Conference on Recent Innovation in Science and Engineering

- Case study on Vibrational and Solar energy harvesting for unmanned aerial vehicle.

CERTIFICATES

Introduction to Self-Driving Cars

Machine Learning

Neural Networks and Deep Learning

Improving Deep Neural Networks:
Hyperparameter tuning, Regularization
and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Probability Foundations

SKILLS

- Artificial Intelligence
- Internet of Things
- ARM Cortex M3
- Python
- Tableau
- C++
- Matlab

- Time Management
- Adaptability
- Goal Oriented

LANGUAGE

English ●●●●●●
Hindi ●●●●●●

INTERESTS

- Travelling
- Sports