Md. Meraz

Room 5172, BH-5, IIIT Allahabad Campus, India
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EDUCATION	**D.O.B:** 03-11-1992

(28-Years**)**

- **Indian Institute of Information Technology, Allahabad**   *August 2016 - Present*
  M.Tech. + Ph.D. Dual Degree, (Specialization in **Robotics**)
  Robotics and Machine Intelligence Lab, CC-1
  Department of Information Technology
  - **Supervisor**: Dr. Mohd Javed and Dr. Pavan Chakraborty
- **Global Institute of Technology, Jaipur**   *August 2011 - July-2015*
  B. Tech. Electronics & Communication.
  Robotics Lab, GIT Campus.
  Department of Electronics and Communication
  - **Mentor**: Dr. J. D. Jain(late)

RESEARCH INTEREST

- Computer vision and deep learning in the area of Autonomous Driving Cars, especially 3D scene understanding with Point Cloud dataset to solve perception problems for 3D World.

PROJECT

- Sequential network to solve the path prediction problem on mobile robots.
- Zerodha gui api for instance orders placing for penny shares.
- Cassava Leaf Disease classification on Kaggle dataset .
- Performance measurement of LAMOST telescope using Deep Learning on benchmark dataset.
- Object Detection For self driving Car on Real dataset KITTI.
- Implement the various research papers of CVPR conference.

PUBLICATIONS

- Our Deep learning model DC-GNN beat modelnet-40 dataset secure best classification accuracy - 93.64%.(Under Publication)
- Two Papers in
  5th IAPR International Conference on Computer Vision and Image processing(CVIP), 2020

PROFESSIONAL SKILLS

Area Expert : Machine Learning, Deep Learning, Computer Vision, Linear Algebra.

Languages: Python , C/C++, bash

Toolkits: Tensorflow, Pandas, Pytorch, Scikit-learn, OpenCV

Platform: Linux, Docker, H.P.C, Git, NVIDIA-GPU

Hardwere: Circuit design(ISIS), Rasberrypy, Arduino, Robotics Sensors

WORK EXPERIENCE

B.B Softech   *Aug 2015 - June*
2016 Hardware Intern   *Jaipur,*
India

· Hardware Design internship for one year in B. B Softech Pvt. Ltd. My work on Customized personal Computer for day to day work and also set up a Gaming Hardware on Personal Computer.
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OTHER WORK EXPERIENCE

- **Mentorship of various Deep Learning B. Tech or M. Tech project in IIIT Allahabad. [*2018 - 21*]**
- **Present 2-Papers in '5th International Conference on Computer Vision & Image Processing-2020'**
- **Student Gymkhana IIIT Allahabad 2018-19**
- **Training in Prasar Bharati[Gov. India] - 2014 (6 Weeks)**
- **Event Organiser:**
  - 3rd IEEE Conference on Information & Communication Technology CICT-2019
  - Data Science in Astrophysics & Gravitational Wave workshop DSAP-2019
  - 11th International Conference on Intelligent Human Computer Interaction IHCI-2019
  - 2 Days Workshop On Robotics and Machine Intelligence IIIT Allahabad-2020
- **Workshop Attended**
  - 9'th Robotics Workshop G.I.T 2013
  - 2nd Deep Learning Workshop ADASIVA-2019
  - 2nd Cognitive Computing Workshop-2019
  - ATAL F.D.P "Robotics" Workshop by MNIT Jaipur-2019
  - Workshop On Battery Technology for E-Vehicle -2019

- **Teaching Assistant:** Maths for I.T, Image Processing, Data Structure & Algorithm, Introduction to Programming.

HONORS & AWARDS

• GATE Scholarship	August 2016- Present
• Third Prize in G.I.T Coding Contest	2012
• Bihar Govt. Minority Scholarship	2008