

Parvez Alam

Department of Artificial Intelligence, Indian Institute of Technology Hyderabad, India

Mobile Number: 9458705361, Email: ai21resch01005@iith.ac.in

Research Interest

Primary focus of my research is 2D and 3D computer vision for autonomous system. The topic of my general expertise includes computer vision, machine learning, deep learning, reinforcement learning. I am always excited about exploring new research directions or new research areas. Currently I am working on "Perception using LiDAR for autonomous System" as PhD topic.

Experience

Internship.....

....

1. PhD Student in TiHAN IIT Hyderabad (July 2021 to Present).
2. NITTR Chandigarh, Ministry of HRD, Govt. of India Linux and Fundamental of Networking.

Education

Academic Qualifications

.....

1. Indian Institute of Technology Hyderabad

PhD, Department of Artificial Intelligence

January 2021 -present

CGPA: 7.2/10

2. Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow

B.Tech, Computer Science and Engineering

2016-2020

Score: 86%

3. Schooling

10th standard score: 81%

12th standard score: 86%

Courses

Foundation of Machine Learning, Deep Learning, Probability and Random variable, Image and Video Processing, Matrix Theory, Speech Processing, Information Retrieval, Data Structure and its applications etc.

Notable Projects.....

1. PhD Research Project

“Perception using LiDAR for Autonomous System”, (PhD Topic). (Ongoing)

2. B. Tech Project

“Development of Image Retrieval System using Image features”

Research Papers.....

1. Parvez Alam, Rajalakshmi, “Deep Learning Based Steering Angle Prediction with LiDAR for Autonomous Vehicle”, (Accepted but not published yet) IEEE 97th Vehicular Technology Conference Spring 2023.

2. Anand, Bhaskar, Harshal Verma, Abhishek Thakur, Parvez Alam, and P. Rajalakshmi. "Evaluation of the quality of LiDAR data in the varying ambient light." In *2022 IEEE Sensors Applications Symposium (SAS)*, pp. 1-5. IEEE, 2022. **(Co-author)**

References

P. RAJALAKSHMI

Professor,

Dean Students,

Cyient Chair Professor (Future Communication),

Director-NMICPS TIHAN Foundation Wireless

Networks (WiNet Lab) Department of Electrical
Engineering Indian Institute of Technology
Hyderabad

Email: raji@ee.iith.ac.in

Phone: (office) +91 4023016452

(Lab) +91 4023017466