

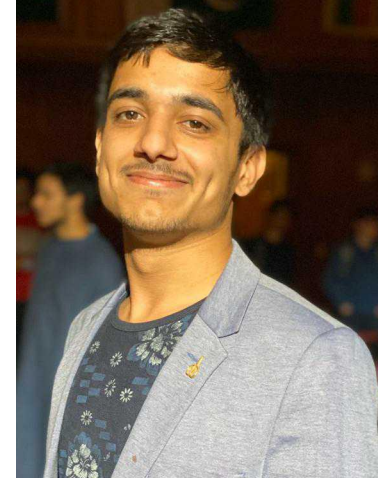
Interview Presentation

Presenter:
Mahimana Bhatt



Introduction

- From Ratlam, India
- B.E. in Electronics and Telecommunication Engineering
- Embedded Systems Engineer at Addverb Technologies
- Master of Science in Robotics Engineering
- Research Intern at Institute for Human and Machine Cognition (IHMC)



WPI



**Addverb
Technologies**
Motion Reimagined.

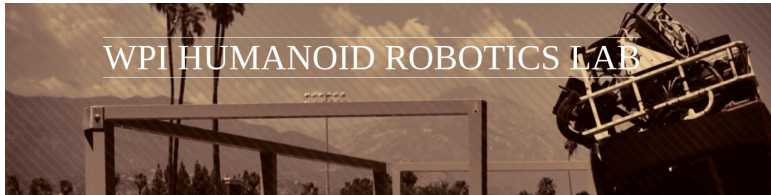
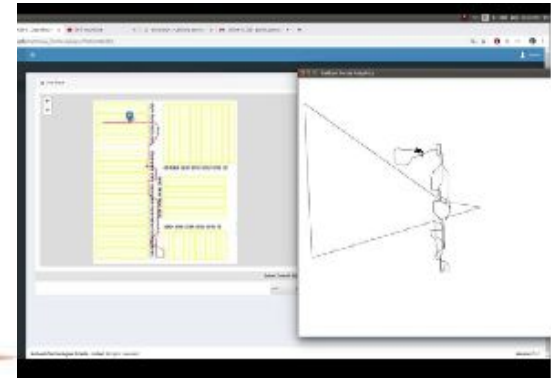


Research Background

- Embedded Systems
- Geometric Computer Vision
- Computer Vision using Machine Learning



Chief Technical Officer



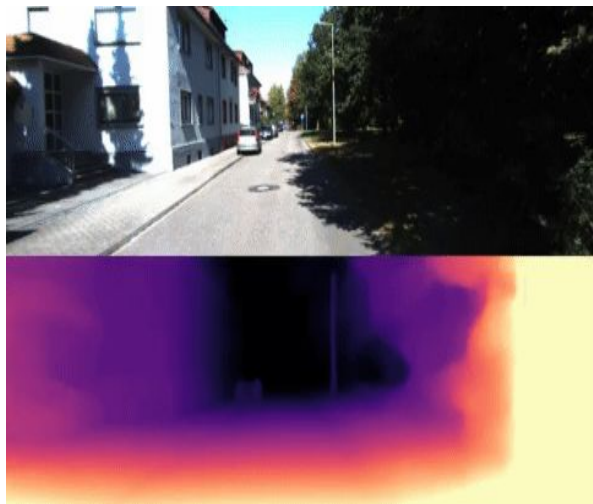


3D Reconstruction and Mapping using OcTree

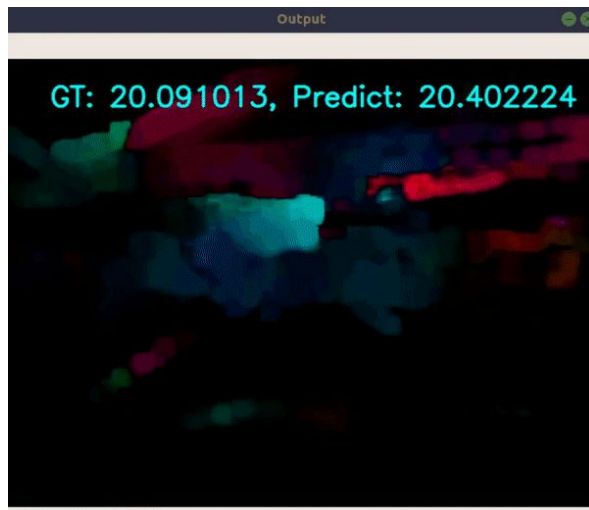
Research Intern at IHMC



Course Projects:



Monocular Depth Estimation



Vehicle Speed Prediction



Image to Image Translation
using GAN's

Competitions:



NASA Space Robotics Challenge:

- Lead and contributed to the development of software applications to localize objects and robot in simulation environment of MARS on the Gazebo

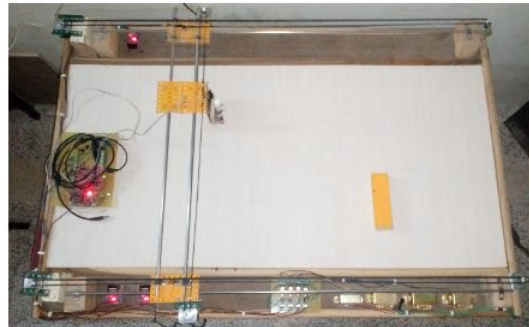
E-Yantra Robotics Challenge:

- Localized the objects and robot using geometric computer vision approaches



Future Goal

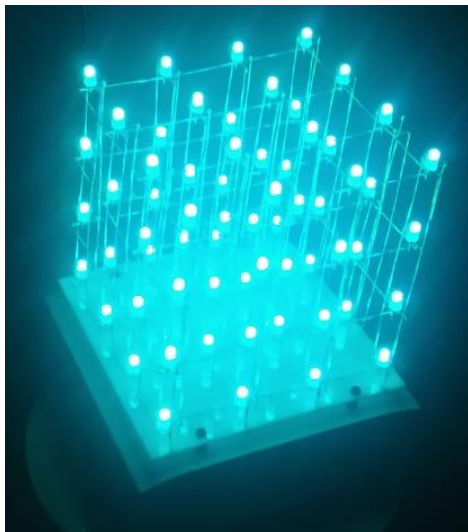
- Get a research job in 3D perception
- Long term goal: Be a technopreneur



Hobbies

- Drive **Cars**
- Travel
- Automate home with electronics

(sometimes goes backwards)





Questions??????