

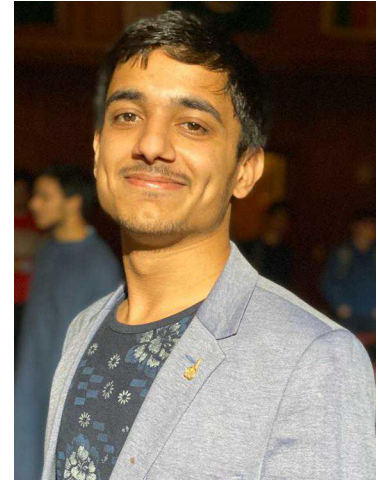
Interview Presentation

Presenter:
Mahimana Bhatt



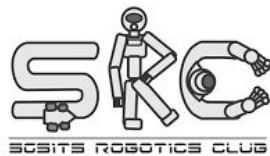
Introduction

- 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)

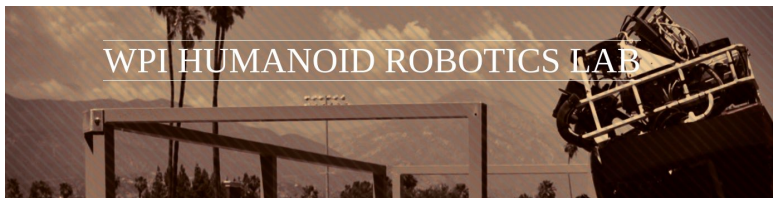
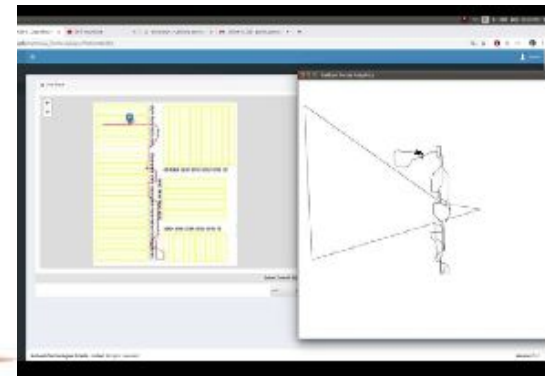


Research Background

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



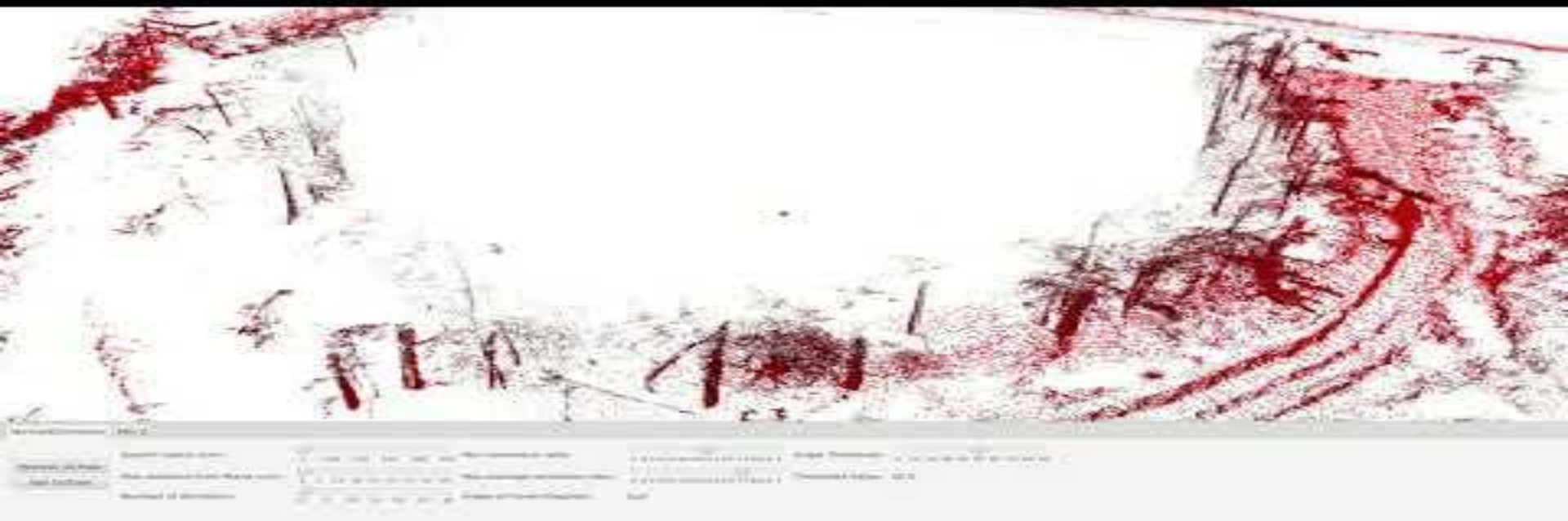
Chief Technical Officer



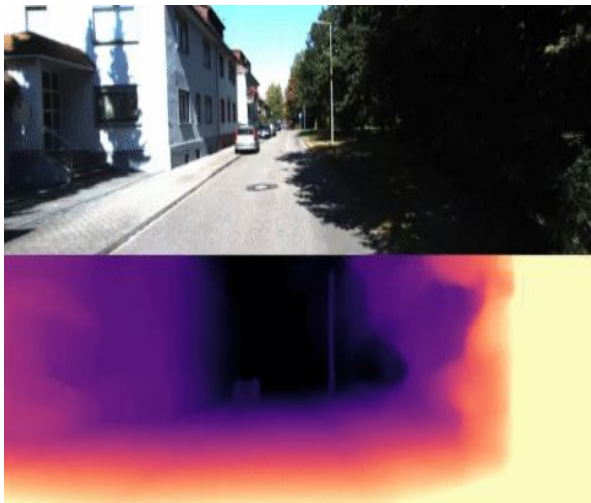


3D Reconstruction and Mapping using OcTree

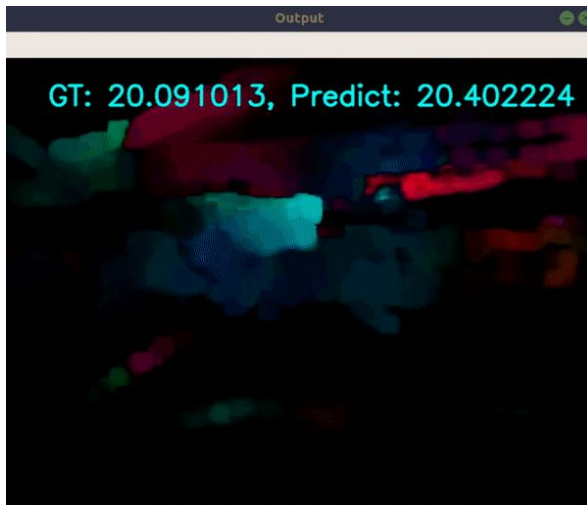
Research Intern at IHMC



Course Projects:



Monocular Depth Estimation



Vehicle Speed Prediction



Image to Image Translation
using GAN's

Competitions:



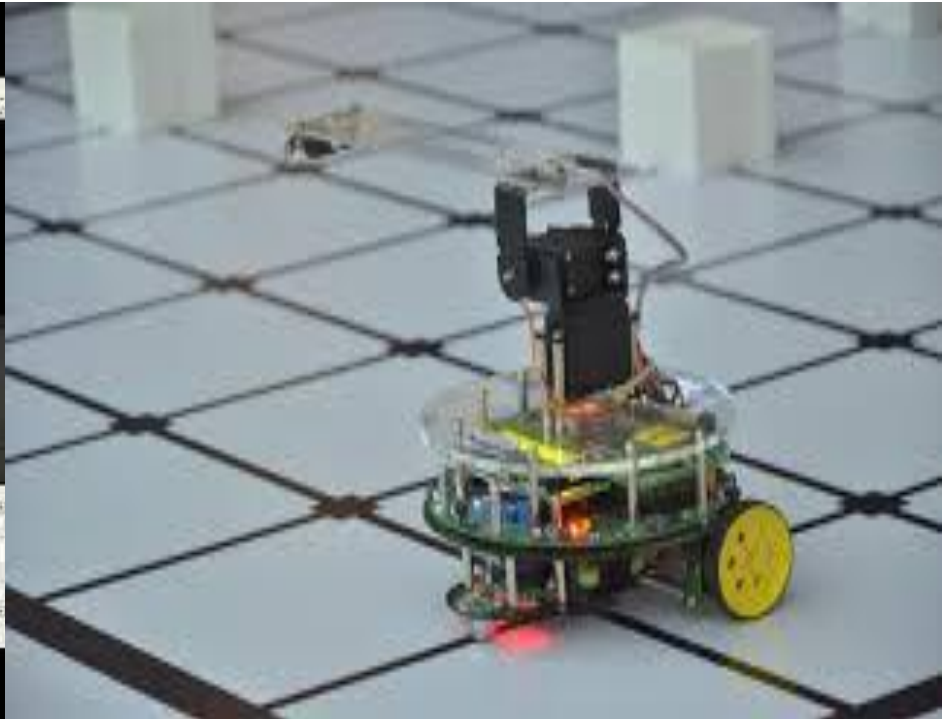
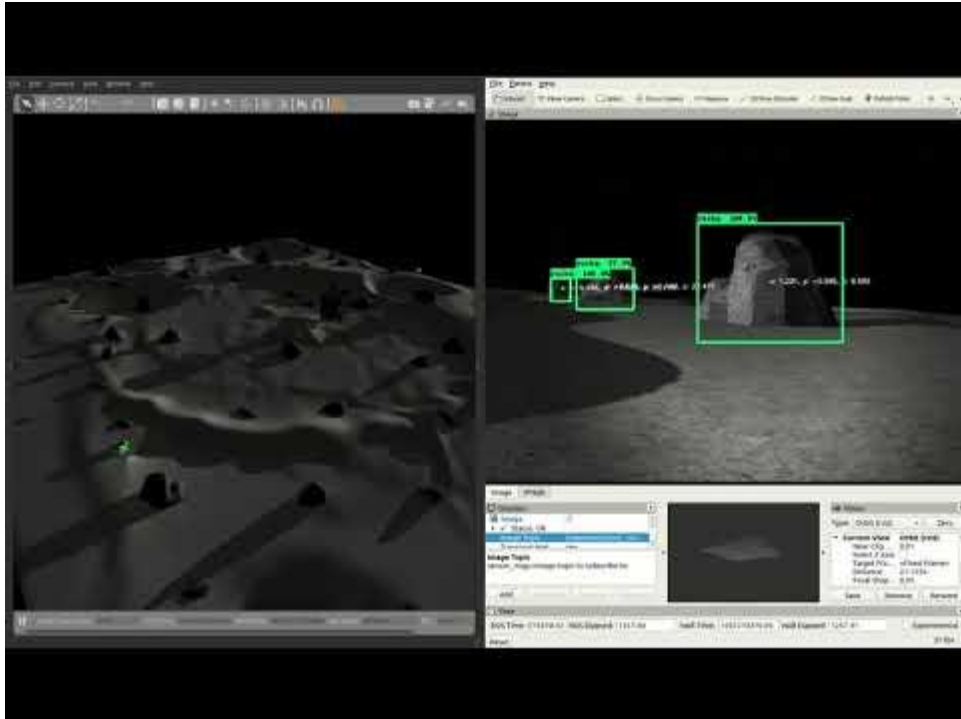
NASA Space Robotics Challenge:

- Lead and contributed to the development of software applications to localize objects and robot in simulation environment of MARS on the Gazebo
- Estimated 3D position of objects using Object Detection and Disparity

E-Yantra Robotics Challenge:

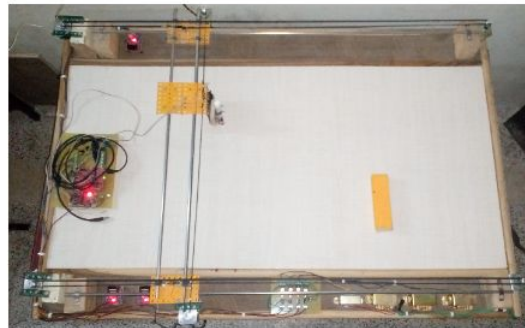
- Localized the objects and robot using geometric computer vision approaches





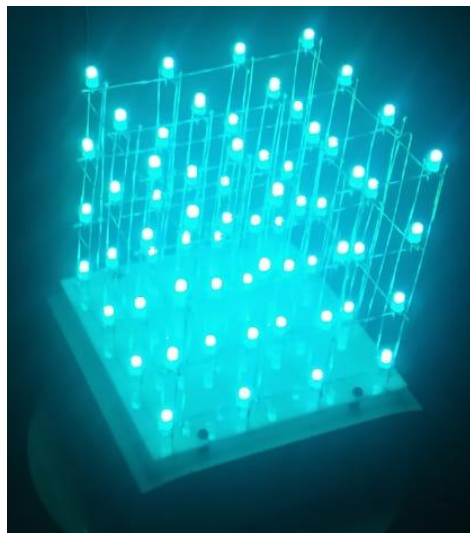
Future Goal

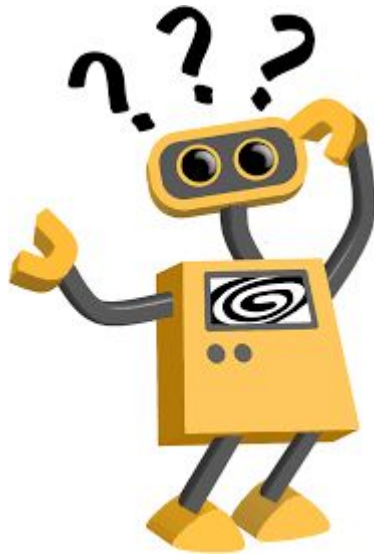
- Get a research job in 3D perception
- Long term goal: Be a technopreneur



Hobbies

- Automate home with electronics (sometimes goes backwards)
- Drive **Cars**
- Travel





Questions??????