Self-Driving Vehicle Project: Week 3

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Zhuohuan Li (GR)

Anthony Siu (UG)

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Who we are
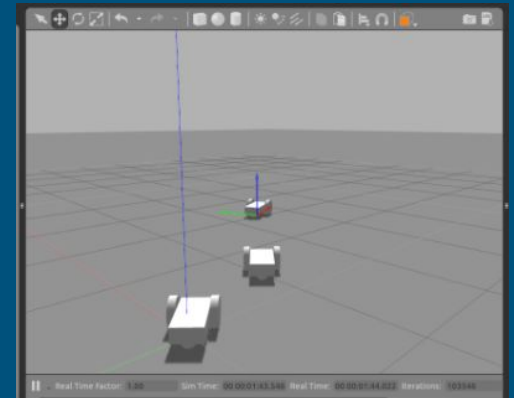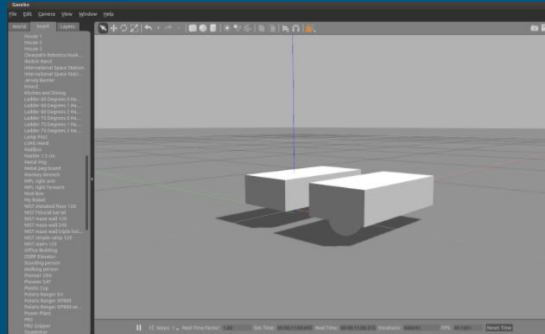
Adas Bankauskas (UG) Abia Mallick (UG) Malav Majmudar (UG)

Who we are

Current Progress

❖ Finished ROS tutorial with PuTTY

❖ Working on Gazebo Simulator tutorial

➢ Learning how to add a new model to Gazebo database, build/modify a robot, improve model appearance with meshes, etc.

❖ Created project page on ORBIT wiki and added objective with weekly summaries

❖ Published project website with links to weekly presentations

Future Plans

- ❖ Learn Gazebo Simulator which we will eventually use to create the simulation environment for our self-driving car
- ❖ Continue learning ROS to develop code for the vehicle
- ❖ Learn self-driving machine learning algorithms for our vehicle to learn from its surroundings and become autonomous
- ❖ Learn about neural networks and how to properly train and test data

Any Questions?