Self-Driving Vehicle Project: Week 4

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Zhuohuan Li (GR)

Anthony Siu (UG)

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Who we are

Adas Bankauskas (UG)

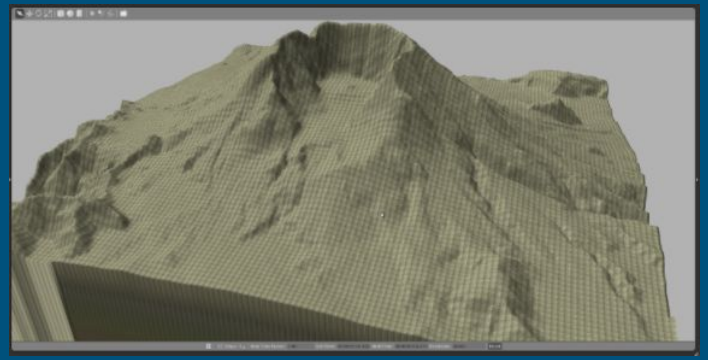
Abia Mallick (UG)

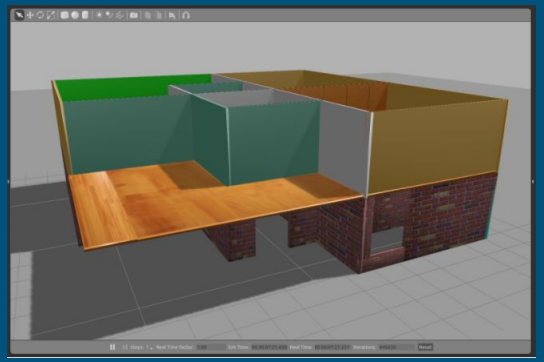
Malav Majmudar (UG)

Who we are

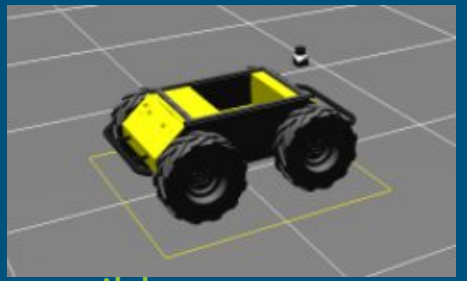
Current Progress

- Working on Gazebo Simulator tutorial
  - Learning how to implement DEMs, create populations of models, build multi-level simulation environment, etc.
- Configured Chrome remote desktop to access Gazebo from local machines
  - Loaded self driving image onto nodes + learned how to properly save node image
- Added anchors to project website for easier navigation

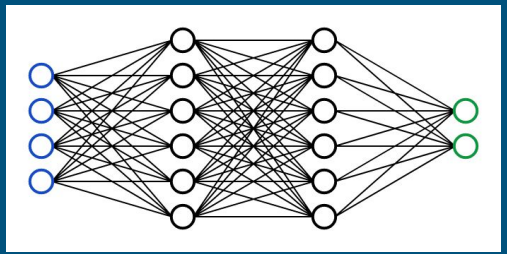




Future Plans



- Finish up the Gazebo Simulator tutorials and start creating possible simulation environments for our robot
- Build upon existing simulation environments to test robot functionality
- Familiarize ourselves with ROS tools and libraries to find the best ones to apply to our project
- Learn self-driving machine learning algorithms for our vehicle to learn from its surroundings and become autonomous
- Learn about different types of neural networks and pick the correct type for our model data



Any Questions?