

AutoDrive Project Weekly Report - October 19th

1. Fails of the week

- None to report

2. Successes of the week

- Completed some research on high-level guidelines for car passenger comfort
- Mounted camera onto the raspberry pi and transmit live footage from the raspberry pi to a different computer at the the same subnet

3. Difficulties this week

- It's a tough time of the semester for everyone to be available to meet at the same time, and for us individually to focus on this project as much as we'd like.
 - Each member is busy with interviews and it's difficult to make significant progress in the upcoming month.
- Difficult to determine the mapping relation between the steering angle and the pulse width signal needed to produce the angle. This relationship can vary for different road conditions on which the car runs.

4. Goals for next week

- Complete investigation into behavior restraints for passenger comfort (acceleration/deceleration, corresponding distance-keeping, turn radii)
 - Calculations
- Continue to work on the the control interface for the steering of the car
- Explore and experiment with the CARLA simulation platform