

AutoDrive Project Weekly Report - February 1st

1. Fails of the week

- Learned Phoebe dropped Capstone (but she will hopefully still be involved with project)

2. Successes of the week

- Discussed practicality and gained consent on research direction from both Professor Sinapov and Ming
- Set project milestones for this semester
- Met with advisors

3. Difficulties this week

- Located a target computational goal (i.e. frames per second) for optimizing the vehicle's software pipeline.
- Identify a specific research topic related to autonomous vehicle using our prototype
 - How to come up with a meaningful application and demonstration of a particular function or behavior, in addition to just optimizing the response time and performance of the car

4. Goals for next week

- Finalize our second semester focus research topic utilizing our autonomous toy car prototype
- Conduct review of existing research relating to computational benchmarks for autonomous vehicles
- Begin optimizing existing processing pipeline
- Work towards implementing results of previous semester's research on optimal acceleration in the prototype