Journal Report 1
9/4/19-9/6/19
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Daily Log

Wednesday September 4

We needed some form of version control for this project, so I taught Tony how to use git and helped him set up a GitHub for our project. I also showed him the general methodology that I had thought of using. I also decided to tackle input processing first, so I tried looking for some python lidar libraries.

Friday September 6

Between classes, I contacted Mr. DC and got permission to use the Traxxas Rustler RC car from the Robo Lab. He asked to make sure that I ran it by Kusko, and I am still to do that. I started to look at the packaging that the lidar system had, and it told us to download a custom sdk. The demos that came with the sdk require Visual Studio to open, so I installed visual studio, but I still don't know how to complile the program properly/get a compiling error.

Timeline

Date	Goal	Met
Today minus 2 weeks	N/A	N/A
Today minus 1 weeks	N/A	N/A
Today	N/A	N/A
Today plus 2 week	Download dependencies and setup a GitHub repositories and acquire a remote-control car	Yes, but I should still double check with Kusko to make sure that the fact that we are using the Robo Lab car is fine.
Today plus 4 weeks	Create ”road” patterns for car to follow	No, we have not started

Reflection

I think a large success this week was sourcing the rc car so early. Having equipment to work with has been very helpful. Our biggest challenge is finding a way to get the demo code to work, or alternatively find a way to make our own code/learning to adapt given demo code.