

Progress Update (11/18/15)

Juan Vazquez

I have researched more into methods of receiving raw Ethernet data from the laser scanner. Currently, I have altered a “packet sniffer” program that detects TCP, UDP, ICMP, IGMP, and any other traffic being sent through Ethernet. This program, at the moment, also stores this incoming data into a text file. Future development will involve testing the accuracy of these stored values and reformatting the data packets.

David Bumpus

I have installed a basic version of OpenCV 3.0 on my operating system and have been able to compile code to display an image. Using CMake and Visual Studio, I have also began installation of the OpenCV libraries containing the SIFT algorithm. Embedded device implementation of image registration is slightly behind schedule. To get back on schedule, I need to have functional feature detection of an image on the embedded device by 11/25.

Daniel Kubik

This week I continued writing my classes in C++. I have successfully created all of the data storage classes, and am now finishing up the interface related classes. I am running on schedule, and will continue working at the same pace.