



## **Progress Update (12/9/15)**

### **Juan Vazquez**

Currently, I'm integrating the packet sniffer and packet read programs into one program that will be implemented onto the Odroid. I have begun doing this by formatting received data packets into a text file in the same format that Dan's packet read program initially reads each packet. Future development will involve full integration alongside allowing for the capability of continuous packet capture and reading.

### **David Bumpus**

After successfully generating code for implementation of the SIFT and SURF algorithms, I installed the Point Cloud Libraries (PCL) for generation of depth maps from stereo images and Lidar point cloud data. I will continue to work at the same pace. There may be infrequent updates until January because of the holiday break.

### **Daniel Kubik**

My focus has been to continue learning about registration techniques. The current plan is that David and I will both work to create depth maps; I will focus on a lidar point map and he on the camera data. In addition, I have successfully added the OpenCV library to my computer and can now access it through Microsoft Visual Studio. I will continue working at the same pace.