

Sprint Report #3

This sprint report is to inform you of the backlog completed during Sprint 3. During this sprint, our team continued to meet bi-weekly to discuss our plans in further detail as well as to work on a few adjustments to our robot. The majority of this sprint was spent continuing to learn ROS.

One of the requirements for our competition is that we volunteer as a team and do STEM outreach. We went and demoed our robot at the First Lego League competition at our school and spoke with the kids at the competition about robotics and let them drive the robot a bit. We will also be helping out at the Vex Robotics competition on 12/12/15 at one of the local high schools.

We obtained visual odometry code from Daniel Nix during this sprint. After speaking with him about code written last year, he volunteered some that he had written to do the same thing that our team desired and needed. This will be worked with over Christmas break.

My main focus of this sprint was to continue learning ROS. We obtained the ODroid XU4 at the beginning and I installed Ubuntu 14.04 on it and also installed ROS and continued to work through the tutorials and the book recommended to me by a classmate.

Deliverables: Continuing to learn ROS, getting the ODroid XU4 and setting it up, and obtaining the computer vision code.