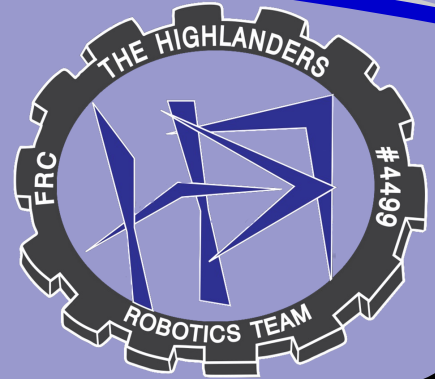


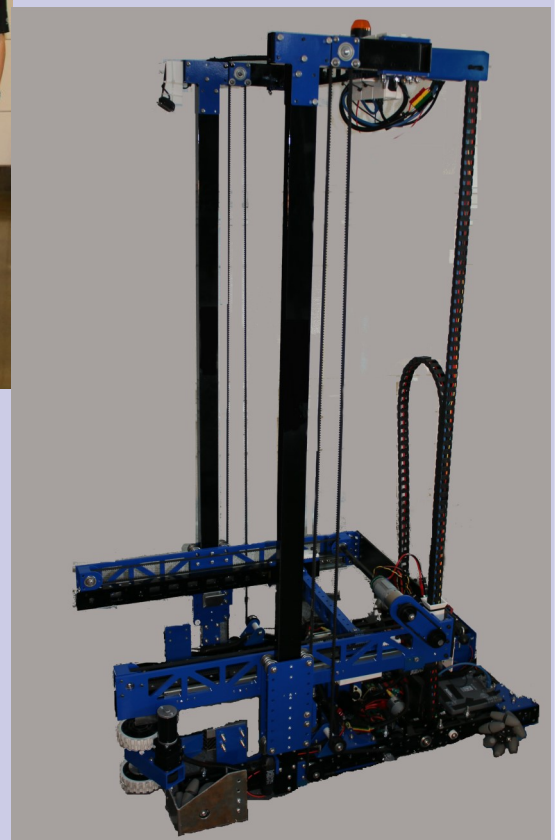
The Cyber Cycle The Highlanders FRC



“The Cycle of Success”

Pulsar

at the Dallas Regional



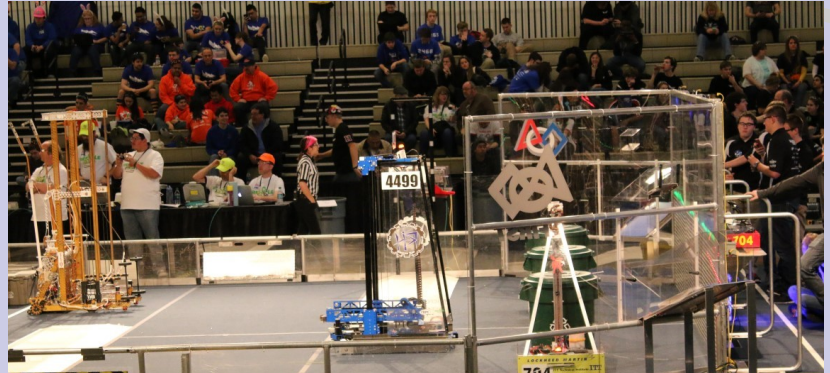
What a rush! The regional was a total success for the Highlanders; we placed higher than we ever have, the robot performed very well, we won an award, we stayed safe and we all had a great time.

The robot had one strength, picking up totes off of the floor, and it did it very well every time. Thursday was busy, updating the robot with a

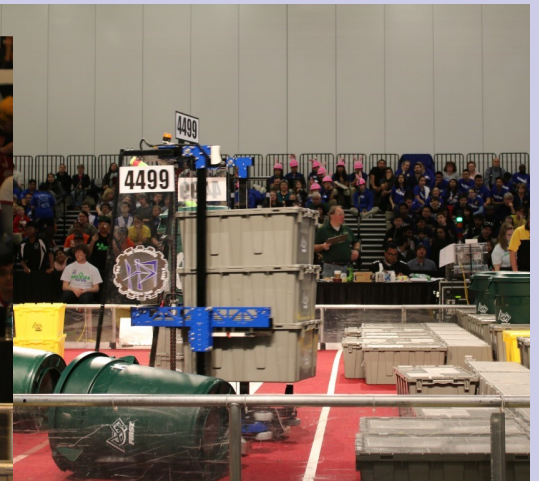
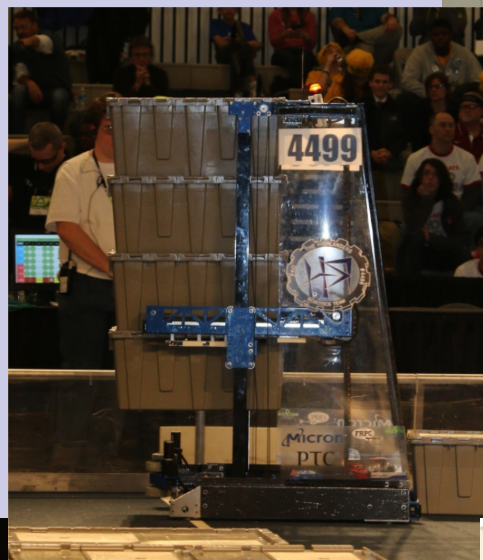
few touches; not the least of which was putting on team numbers to make it legal!

The team was ready for the very first practice round, and did really well in it. Things got a bit sketchier from there, with code issues causing us to sit still on the field for a couple of rounds, but we recovered from that before the end of the day.





On the field both Friday and Saturday, the robot and drive team did amazing work. Stacks of totes were the goal, and they stacked totes all day. We did our best rounds when we had another robot on the field that could put recycling containers on top of our stacks; that triples the points per tote!



The programmers did their fair share of work, too!



Check out our blog to keep track of all of the latest developments!

http://www.highlandersfrc.com/2015_blog/default.aspx



The robot needed to be updated with a few parts—new intake wheels, wheel guards and number plates —early in the day. Once that was all done, though, the bot didn't need ANY mechanical or electrical repairs. What a huge success! We all kept busy with other tasks, of course, and took time to watch some matches.

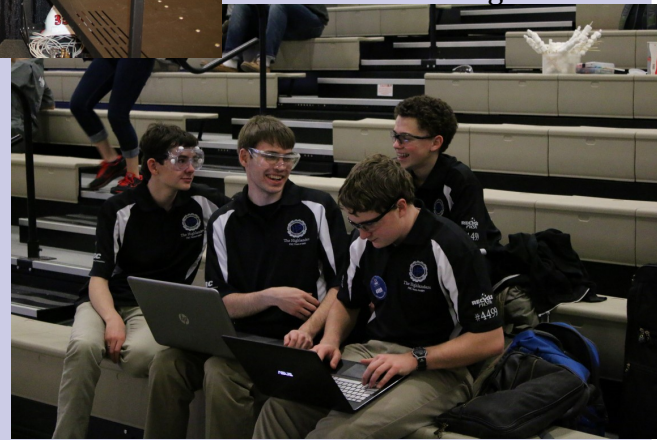
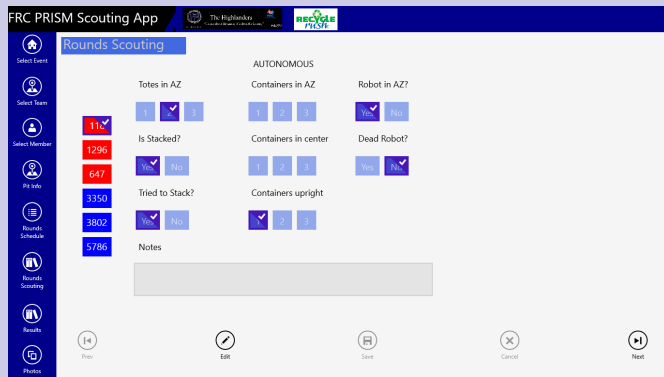


Mikey and Dawson volunteered at the safety glasses station (here, Tyler helps them look busy!).

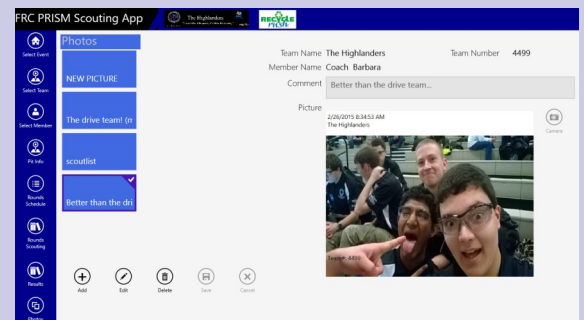
There was an FLL event on Saturday, and so David, Skyler and Mikey gave tours to groups of elementary schoolers. The bunny ears are souvenirs from another FRC team; TrixR4Kidz. Clever!



The programmers spent lots of time programming. And having some fun.



Keeping track of other teams' strengths and weaknesses is an important part of the tournament. If (when) we get to pick another team for an alliance in the elimination rounds, we want to know who would work best with our robot, and which teams we should avoid. Debbie wrote this scouting application for the tablets and laptops. With it we were also able to gather information on 'pit scouting' - the mechanical details of the robot. And photos—although this one wasn't about the robot!





We won the Pit Safety award for Friday. Thanks to our mentor Tim for making it so easy to set up and keep organized, and thanks to the team for actually keeping it organized!



Team 4300's drive team has a tradition of painting their pinky finger nails with gold glitter nail polish. As good alliance partners, our drive team participated, but Jacob was the only one willing to show them off for the cam-



We took 9th place overall (our highest placement ever!!!) and were asked to be on the 4th alliance with teams 4300 (The Lion Kings) and 4364 (Metal Jackets). We played two really good rounds, but not good enough to make it to the semi-finals.

We won the Quality award, which celebrates machine robustness in concept and fabrication.



Go Highlanders!

Watch us live at the Denver Regional 3/27 and 3/28! Check the blog for updates on live feed :

http://www.highlandersfrc.com/2015_blog/default.aspx

Now what? More work and more fun! Our next tournament is in Denver March 26, 27, 28. The team has some goals before that tournament:

- A method to put recycling container on top of a stack of totes.
- A successful autonomous. 3 totes is the goal!
- Other improvements of the robot: tote hooks, the side panels, others.
- Driver Practice, human player noodle throwing practice.

Thank You, Sponsors & Mentors....

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