



Time to Level Up!

DEC - KICKOFF

Team Paragon January 6, 2018

~ DECEMBER + KICKOFF ~

After a long summer and fall of prep work, it's time to get rolling!

- DECEMBER -

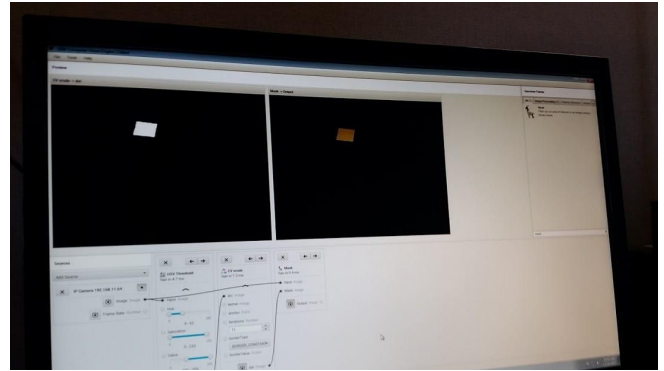


Toy Drive!

Several members of the team helped out Windsor EMS at the annual Project Santa Toy Drive. The snow and cold on Saturday did not scare away passerbyers' generosity. Sunday was also productive but warmer. There were also some fantastic donuts ;-)

Vision Processing!

A few of the team got together on a Saturday with Mr. Schwartz to work on Vision Processing. We learned how to use GRIP software on a Raspberry Pi to apply filters to a camera feed to identify the yellow sticky note.



- KICK OFF -

Of course we were snowed in again!



... but luckily we managed to dig our way in

- Time to level up with FIRST Power Up! -



After months of anticipation, the game FIRST generated for this year is a spin on retro gaming called Power Up!!!

Three aspects to this year's game:

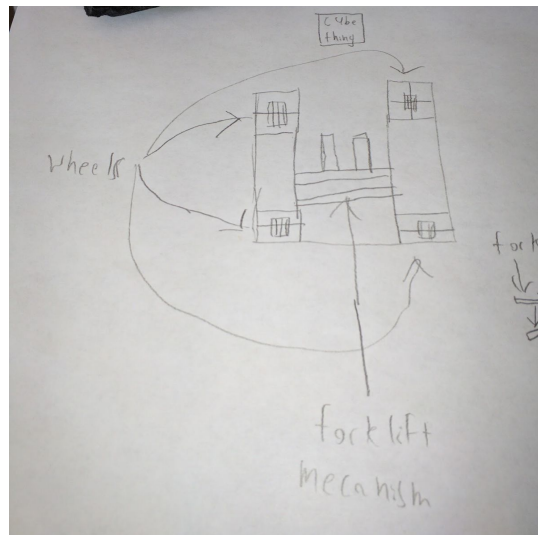
1. A scale which is in the middle of the play field
2. Two smaller "switches" on either side for each alliance and a vault
3. Climbing a bar!

The main objective is to transport the power cubes (aka milk crates with a yellow FIRST cover over it) to the middle scale, or your alliances switch or to the vault to gain power ups.

3 power ups available: Boost, Force and Levitate, which allow you to take advantage of the field in different ways. You need power cubes to activate these. For the first time, this year's game includes a time component for the possession on a side of one of the scales to earn points.

The team had a discussion regarding the elements of this year's game and we analyzed possible strategies.

Here's one such sketch of possible robot design:



Finally, we got out the Kit of Parts for the year... lots of new toys! :)



Annnndddd look who came back!!!!



Alumni of Team Paragon

Past members of the team came back to the build sight to enjoy kick off and shared how Paragon has affect the future careers and the skills Paragon taught them for future success in the real world.

2018 FIRST POWER UP GAME ANIMATION

If you haven't already, don't forget to check out this year's game animation!



<https://youtu.be/HZbdwYiCY74>

Tell your friends that might be interested about Paragon, we'd love to have new students and mentors too. No experience necessary, just a ready attitude to learn and get excited!

Contact us at teamparagon571@att.net

During the build season, we meet:

Mondays, Tuesdays, Wednesdays 6-9
Saturday 10-5 Sunday 1-6

UPCOMING EVENTS

-Suffield Shakedown

February 17, 2018 : Our team will hopefully be taking part in a practice scrimmage with some other teams in the state to practice.

-Waterbury Competition (Wilby High School)

March 9th-11th 2018: First Competition!!!

-Hartford Competition (Hartford High)

April 6th-8th : Second Competition!!!

“Quotes of the Day”

Om....Let me think

Quote of the Day

"Hey Addison"

— Mr Jacobson

"Mr. Jefferson"

— Alanna

Quote of the Day

"I am the

Shovel now

— Om

Alanna and Cameron