



STUYPULSE 694 NEWSLETTER

StuyPulse Team 694 - Stuyvesant High School's FIRST Robotics Team

DIVISION RECAPS

MARKETING

Marketing continued to make progress on its business plan and branding guide. They also wrote letters to local politicians and were also able to complete the first draft of the pit design for this year's competition. Merchandise was ordered for this year's season and order forms were sent out as well. The video and the presentation for the Chairman's Award was worked on, and the progress of the team was documented and kept track of by pictures and videos.

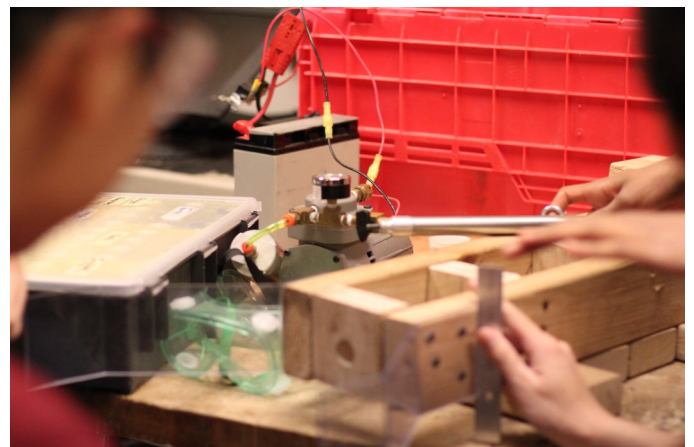


ENGINEERING

Engineering is almost done with constructing the field. The members built the defenses that are on the field and started to test them with previous years' robots.

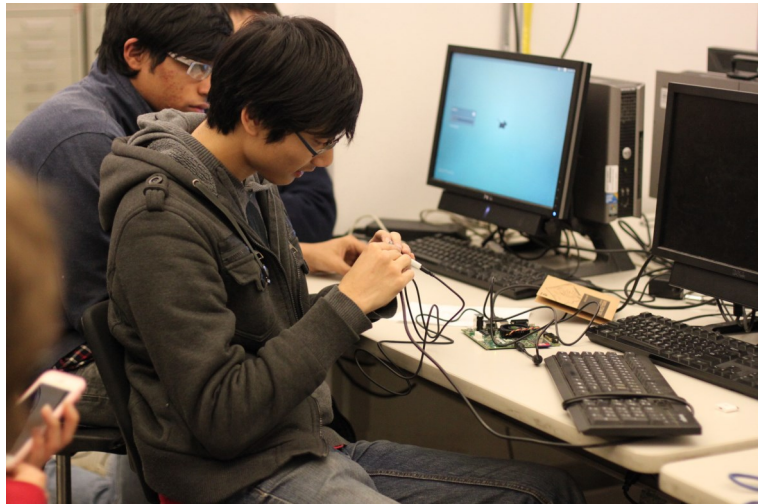


They plan to build another defense for the field next. They also finished their prototypes and are now working on the CAD design for the robot. Engineering also continued to figure out specific parts of the robot in order to best help them through the defenses on the field and will begin their test runs as week 3 of build season begins. Also, the electronic plates were milled, and the drivetrain continued to be assembled for the practice robot. Lastly, operator tryouts were held for the drive team.



SOFTWARE ENGINEERING

Software Engineering made a patch to their package installer of roboRio which allowed them to install another software that was necessary for the robot. They also created a test board to test out the CV code, and set up the camera that they were using to aid the CV as well. They also built a Tegra version of OpenCV, in which they learned how to use Ant to build OpenCV programs and documented how to configure it. Not only did they install Java 8 on the Tegra but they also finished the framework for the Acquirer subsystem. The first LED ring was also set up.



CONTACT INFORMATION



Stuyvesant Robotics

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ANNOUNCEMENTS

- Military Care Packages Drive is starting soon, so look out for that!
- All STIMS and paperwork should be in!
- Please sign up for dinner!
- Typography of DESTiny is due January 24th
- Design for the team standard is due February 1st

UPCOMING DATES

February 6th - FTC Qualifier

March 11th ~ 13th - FIRST NYC Regionals

ABOUT US

We are StuyPulse, Stuyvesant High School's award-winning FIRST Robotics team. Otherwise known as Team 694, we seek to impact young adults by cultivating skills in engineering, programming, marketing, teamwork, and leadership through the FIRST competitions. At the same time, we hope to educate and inspire people in our community, both young and old, about the wonders of science and technology.

To read more, visit: www.stuypulse.com