

October 2017

# StuyPulse Team 694 Newsletter

Stuyvesant High School's FIRST Robotics Team



## Book Sale

StuyPulse held its biannual book sale at the corner of Chambers and Greenwich to raise funds for the upcoming season. We sold books of all genres, and demoed DESTiny, our 2016 robot, while Rafael, last year's robot, and Michael One, our 2009 robot, were on display. We are super thankful to everyone who stopped by and bought a book, and we hoped you enjoyed our robot demos as well!



## Bake Sale

StuyPulse also hosted the Halloween Bake Sale! In the morning, our wonderful parents came to set up the bake sale and all Pulsites brought in baked goods. Throughout the school day, Pulsites volunteered at the bake sale and sold treats to their peers for a dollar each. We're thankful for everyone who stopped by and supported the team. We also thank all the parents that came in and helped the students run the bake sale; we couldn't have done it without them.

## Open House

StuyPulse participated in our school's open house for prospective students. During the course of two nights, Pulsites gave presentations on what our team does, how the different departments of the team work together to produce a robot, and what FIRST is all about. We also did a demo with our 2016 robot, DESTiny. Pamphlets were also distributed to parents and students who were interested in learning more about our team. Good luck to all the 8th graders on the SHSAT!



## Marketing

Marketing was busy organizing many of the events that we had throughout the month. Besides working to ensure the success of the bake sale and the book sale, marketers also started planning for awards, and along with the team, decided the Dean's List and Woodie Flowers nominees. They continued and finished collecting forms from all members. Also, marketers worked on organizing the Coat Drive that StuyPulse will be participating in partnership with the Stuyvesant Red Cross and Bloomberg starting November.



## Engineering

Engineering focused a lot on the newbies during the past month. Once the newbies were introduced to the lab, they were taught how to use the VEX robot kits as well how to work on different aspects of a robot. The newbie competition was completely organized and started. Engineers also continued to work on Rafael, preparing him for Brunswick Eruption and also have been planning and preparing for the 2018 build season.

## Bloomberg Volunteering

Pulsites once again teamed up with Bloomberg to do some volunteering work, helping dig up grass and mulch trees during community projects. We also partnered up with Bloomberg to participate in the New York Cares Coat Drive, and will be continuing the drive until December.



## Software Engineering

Software Engineering continued to work on previous projects from September. One new thing that SE started was beta testing. Pulsites will serve as "Control System Experts" in order to make sure that our FRC robot has basic functionality while implementing new software. Also, SE members have been conversing with other beta-testers by performing Tasks, found in TeamForge, that involve the use of new software and the exploration of what kinds of new equipment can be used on the robot. Furthermore, they conversed with FRC by reporting on each task, explaining any problems that were found while performing each task and providing suggestions on how to improve the beta-testing documentation.

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## Important Dates

Brunswick Eruption - November 11<sup>th</sup>  
Barnes and Noble Mini Maker Faire -  
November 12<sup>th</sup>  
Stuy Splash - December 16<sup>th</sup>

## Contact us!

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