

Summer 2017

StuyPulse Team 694 Newsletter

Stuyvesant High School's FIRST Robotics Team

China Robotics Challenge

During the summer, StuyPulse team members flew to Zhengzhou, China to participate in the China Robotics Challenge for the fourth consecutive year. In China, StuyPulse's goal was to help pre-rookie teams become rookie teams and teach them how to build and program a robot, from start to finish. Team members visited a local school to mentor and help two pre-rookie teams, 9070 and 9061, with their robots. Pulsites were able to help them wire their electronics, code their robot, and fix different mechanisms. Adris, our President of Software Engineering, gave a workshop about computer vision for members of both local and international teams. At the competition, Pulsites continued to help novice teams with technical issues, such as errors in their code. We were delighted to see teams 9070 and 9061 make it to the quarterfinals. Rafael also qualified and made it all the way to semifinals. After a long week of mentoring, Pulsites took an excursion to visit different regions in China, such as the Great Wall of China.



FIRST Global Challenge

For the last few months, Pulsites have helped mentor Team Hope, which is comprised of Syrian refugees who sought safety in Lebanon. For months prior to the competition, Pulsites have been Skyping and constantly talking with Team Hope in order to assist them in designing and building their robot. After communicating for so long online, we were able to meet them in person in Washington DC at the FIRST Global Challenge. We were able to help them finalize their robot, and grab dinner with Team Hope as well. It was an honor to mentor Team Hope.



Volunteering with Bloomberg

Over the course of the summer, Pulsites volunteered at a variety of community service events that Bloomberg hosted. Team members gave up their weekends in order to help weed plants and mulch on Governors Island, and to help clean up garbage. Pulsites also helped to fix park benches and chairs at Governors Island. We look forward to doing more community service work with Bloomberg.



Barnes & Noble Lego Boost Build

This year, StuyPulse teamed up with the TriBeCa Barnes & Noble in order to host the LEGO Boost Build event. At the event, team members helped inspire young kids in the field of STEM (Science, Technology, Engineering and Math) through interactive games with the LEGO Boost kits. Pulsites helped children use a programmed app on a tablet to control a LEGO Boost robot, who they named Vernie. Kids were able to make Vernie the Robot shoot at targets, avoid obstacles, and dance to music. It was a pleasure to see the kids motivated and we hope we can come back next year.



Holy Apostles' Soup Kitchen

This summer, Pulsites did a lot of community service, including volunteering at the Holy Apostles' Soup Kitchen. Pulsites were able to feed hungry New Yorkers throughout the day and it was a great experience.

Important Dates

Hudson Valley Regional- September 30th
Kickoff 2018- January 6th

Contact us!

Website- stuypulse.com
Email- info@stuypulse.com
Facebook and Instagram- @stuypulse
Twitter- @StuyPulseRobots

