



BULAHBOTS

PARKVIEW BAPTIST ROBOTICS

Team 3753 — BulahBots

Parkview Baptist School

5750 Parkview Church Road

Baton Rouge, Louisiana 70816

Dear Prospective Sponsor,

Bulahbots would greatly appreciate your help for the 2020 build season. Each year, we compete in FIRST Robotics Competitions, which encourages robotics teams to design and build a robot capable of that year's task. It also allows team members to interact with other teams, collaborate as a STEM-based community, and to collect ideas for the next season. We have grown and developed as a team over the past 10 years, and it will not stop here! With your help, our team can continue to build our legacy and advance engineering, design, and robotics as a whole.

BulahBots was established in 2011 by Shawn Liner, our head coach. He wanted to create a space that simulated an engineering firm and gave students a way to obtain practical skills that would help them in STEM fields. Our first 8 years were spent in a classroom-sized space. Last year, Parkview Baptist Church generously decided to allow us use a small house across the street from school. The BotCave, as it is endearingly called, provides space for our needs. We are able to have separate areas for building, collaboration, welding, Computer Aided Machining, etc.

BulahBots Robotics has created a legacy of high quality engineering, design, and teamwork over the past decade, and we would love to continue this tradition. In order to go to competition, we must provide an entrance fee of \$5,000 and be able to purchase supplies necessary for the assembly of our robot. Your monetary or material donation is greatly appreciated, as we rely on them to support our team endeavors. Depending on the level of sponsorship you consider, benefits included could be brand placement on our robot and/or team t-shirt, merchandise, etc.

If you have any questions, please contact imageteam@bulahbots.com or visit our website at www.bulahbots.com. You can also follow us on social media [Facebook.com/bulahbots](https://www.facebook.com/bulahbots) or [Instagram.com/bulahbots3753](https://www.instagram.com/bulahbots3753).

Sincerely,

BulahBots

COMMUNITY OUTREACH

PARKVIEW BAPTIST ROBOTICS

BulahBots strives to give back to the community that supports us. We invest in the younger generation to spark an interest in engineering and robotics, and to continue the legacy that BulahBots has created.



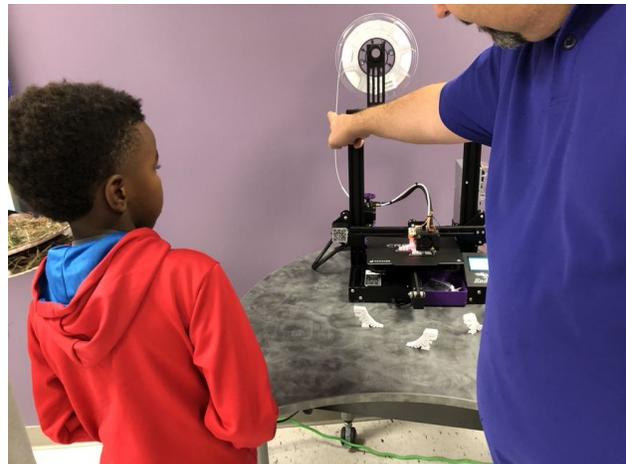
Team member, Seth, is showing elementary students how to shoot and catch a ball with our robot, H1N1.

STEAM NIGHT

STEAM Night provides an opportunity for children of various ages to be able to experiment and have hands-on experience with technology. Our team provides engaging activities for the students to generate interest in the STEAM field from a young age!



Rohan is shown demonstrating how to change colors on the LED strip on the table.



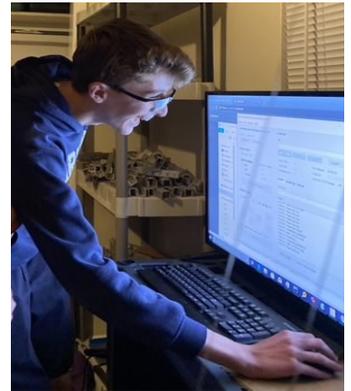
To the left Coach Liner is showing a student how 3-D printers work

SUBTEAMS

PARKVIEW BAPTIST ROBOTICS

Design Team

Design team focuses on a computerized version of the robot. Using CAD (computer-aided design), the Design Team creates parts of the robot, which they can cut out on our X-Carve. They design 3-D printed versions of some parts as well. Seeing the robot in a virtual form first is beneficial to the build process as the season progresses.



Build Team

The Build Team is centered around the construction of the robot. They execute the robot created by the design team. Build team includes metalwork, wiring, and bumpers, which are essential components of the drive train. The Build Team also works with pneumatics, which is the use of compressed air to do work.



Coding Team

The Coding Team is responsible for the movement of the robot. The robot must move around and manipulate different elements on the field for each year's game, such as to throw things or climb. They use coding languages like Java, which allows them to program the robot to accomplish the set goal.

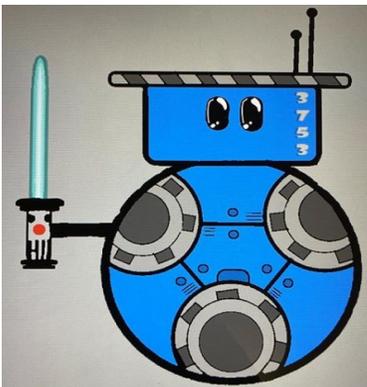


Image Team

The Image Team oversees the aesthetic of BulahBots by creating avatars, logos, and adding creative elements to the robot. The Image Team maintains the budget, develops sponsorship materials and design merchandise for the team store. In addition the image team maintains the team website.

BULAHBOTS HISTORY

PARKVIEW BAPTIST ROBOTICS



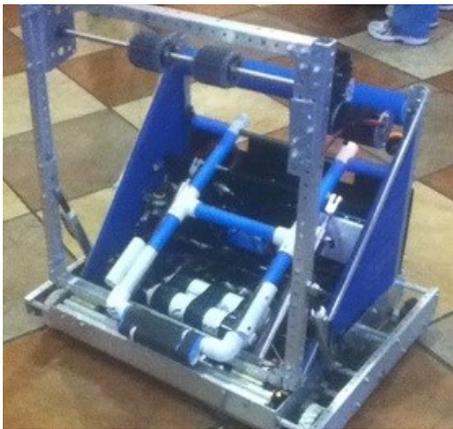
2011 Robot: PuhBus
FRC Game: Logomotion



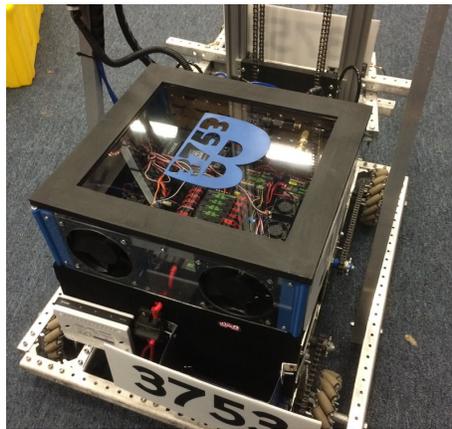
2012 Robot: PuhBus 2.0
FRC Game: Rebound Rumble



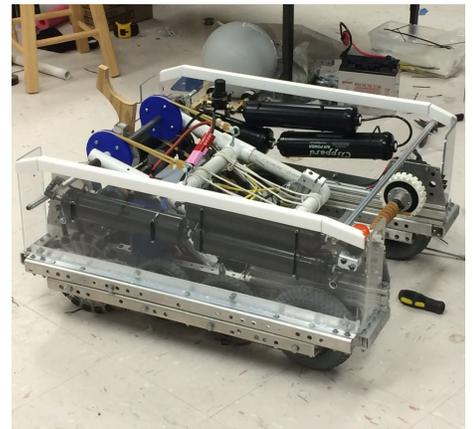
2013 Robot: Charizard
FRC Game: Ultimate Ascent



2014 Robot: Dalek
FRC Game: Aerial Assist



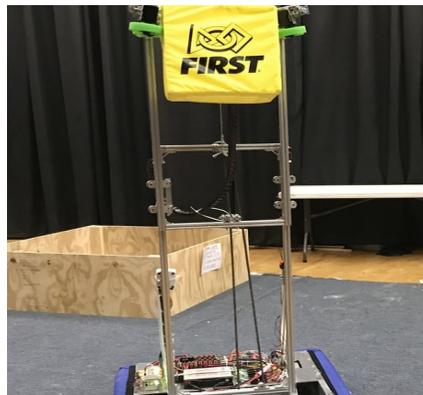
2015 Robot: Enterprise
FRC Game: Recycle Rush



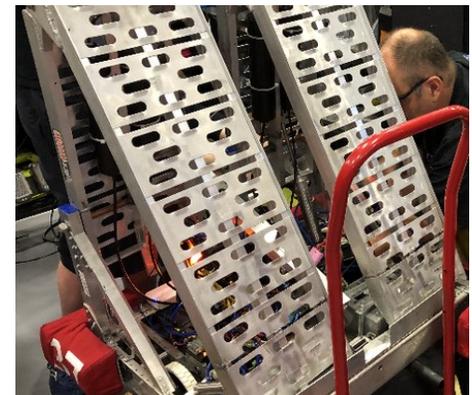
2016 Robot: Flover
FRC Game: Stronghold



2017 Robot: Grover
FRC Game: Steamworks



2018 Robot: H1N1
FRC Game: Power Up



2019 Robot: Inigo Montoya
FRC Game: Deep Space

MEET THE TEAM

PARKVIEW BAPTIST ROBOTICS



Team Members: Rohan, Seth, Kyle, Ethan, Anna Claire, Maggie, Mason, Andrew, Nick, Brayden, Reese

Mentors and Coaches: Hugo, Kevin, Nick, Chris, Shawn