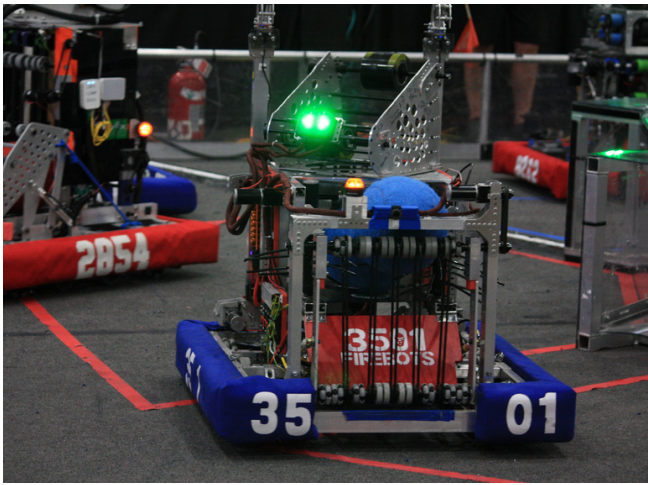


Our BaM Writers:

Chloe L (Senior) • Shrida B (Junior) • Eshika J (Junior)

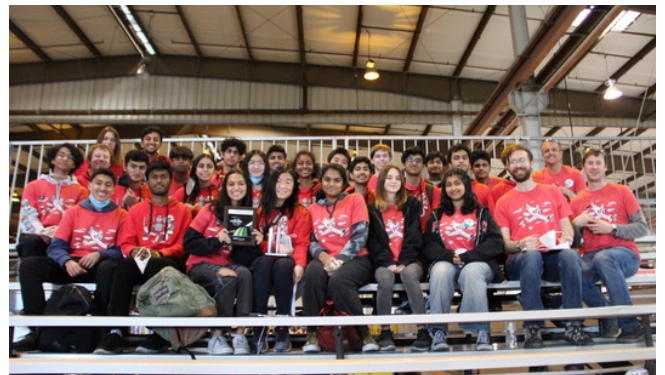
What a way to end the competition season! Our Firebots and Infernobots were the lasts to wrap up their 2021-2022 seasons with exciting robot builds and high spirited competitions. Thank you to all our members, mentors, and sponsors for getting us to our best overall season.

Team 3501 Firebots



Introducing...Keto! Our 2021-2022 FRC robot received her unique name after we realized days before the end of build season that she was quite hefty—about 5 lbs over the robot weight limit. A diet was the solution and like all diets, it took a lot of work. The team spent countless hours in the workshop cutting down any weight that was unnecessary—from shortening a long wire to ruthlessly drilling out chunks of metal from the turret. In honor of the transformation, the Pit Crew named the robot after the diet.

The Firebots had an amazing first competition at the Hueneme Port Regional, from March 4th to March 6th. With such a tight build schedule prior, the robot itself was still in a barely functional state with some major components being added at the competition site. A group of highly skilled members, known as the Pit Crew, worked through various technical difficulties on pit day, a day to set up our competition workspace and run practice matches. A full day of troubleshooting, patience, and dedication pulled through and we were able to get all our main capabilities functioning for the competition the following day. Throughout the day, members scouted other teams for robot data, cheered in pure excitement at every point we scored, and improved our robot with every match. By the second day, the Firebots moved up the ranks to 15th out of 35 teams and were selected for the 7th alliance of 8 in the Playoffs round, finishing at the Quarterfinals. The team also won our first Entrepreneurship Award for thorough documentation that will ensure our team's sustainability and future success.





The team had their second and final competition of 2021-2022 season at the Monterey Bay Regional from March 24th to 26th. This competition ran much smoother than the last, since our robot's modifications were completed in our workshop immediately after the first competition. The robot's ball intake was redesigned and rebuilt and software's computer vision for turret aiming was greatly improved from more time in testing. The robot performed consistently with ball intake and

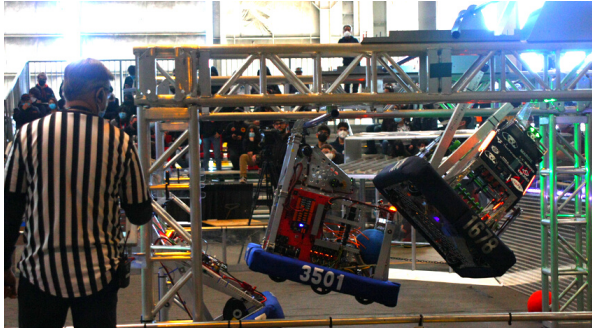
shooting, driving, and climbing throughout the competition. Our efforts were clearly noticed when even the commentators were calling our robot "one of the most reliable." Unfortunately and unexpectedly our only obstacle happened to be our robot battery. Due to our battery strap being ripped off from the last competition, we had to replace it, but repeatedly it would get jostled around by other robots and would end up lying in the middle of the playing field! The ingenuity and quick-thinking of our mentors saved us when they rushed over to Target and bought a men's leather belt to secure the battery. The Firebots placed 16th out of 36 teams, and were once again selected for the 7th alliance, finishing again at Quarterfinals. We even won the Entrepreneurship Award again!

Team 16533 Infernobots

Over this past month, the infernobots attended the regionals qualifiers at Newark High School. Although they didn't get picked for an alliance, They placed eleventh out of twenty four teams during the matches. Additionally they were runner up for the promote award, in which teams make a video for the FTC organization highlighting the spirit of STEAM. Being the first FTC team in fremont robotics history to make it to regionals, made them proud despite the outcome!



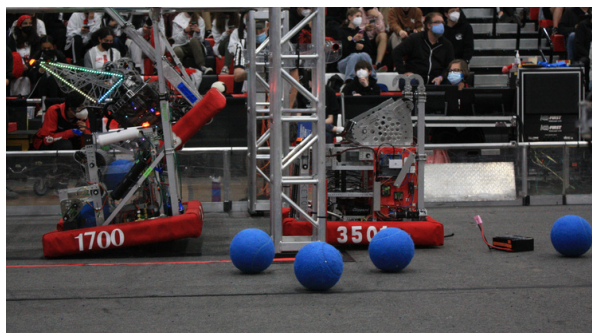
March Highlights



Mar 4 - Mar 6, 2022

Team 3501 Firebots first competition at the Hueneme Port Regional.

- Ranked 15th and won their first Entrepreneurship Award.



Mar 24 - Mar 26, 2022

Team 3501 Firebots second competition at the Monterey Bay Regional.

- Ranked 16th and won a 2nd Entrepreneurship Award.



Mar 12, 2022

Team 16533 Infernrobots attended our organization's first FTC NorCal Championships