



ENGINEERING A BRIGHTER FUTURE

TEAM NEWSLETTER



INSIDE THIS ISSUE

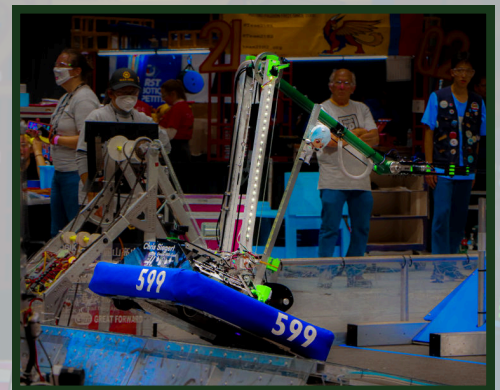
FRC VENTURA REGIONAL

FRC SAN DIEGO REGIONAL

FRC SILICON VALLEY REGIONAL

FIFTH ISSUE!

Welcome to our fifth issue for the 2022-2023 school year.



After months of our students, mentors, and parents putting in hundreds of hours per week, Team 599 was able to compete in three intense competitions and qualify to compete in FRC's World Championship in Houston! Read on to learn about an exclusive on our team's journey to success and highlights from each competition.

VENTURA REGIONAL



GEARING UP FOR COMPETITION

As our first competition of the season, the Ventura Regional was critical in identifying areas for improvement before our next two competitions. With half of our team being rookies, the Ventura Regional was a new and exciting experience for them as they got to witness their first regional competition and see the results of their hard work. At Ventura, we partnered up with one of our favorite and well-known teams in FRC, team 4414. With their help, we were able to collect high-quality scouting data and conduct a proper analysis of which teams to partner up with. Throughout the entire competition, we impressed judges, teams, and mentors as we earned numerous awards and dominated the field with our robot, Carter the Cardiologist.

INTERVIEWS

Anticipating

How was this build season?

"Build season was like a roller coaster ride! At times I felt so tired, but I persevered because of my supportive teammates. Build season was one of the most exciting experiences of my life!"

- Rookie

Excited

Winners

Glad

Nostalgic

Tired

Nervous

SLAY QUEEN

How are you preparing?

"We are much more prepared than last year, that's for sure. I still think that we could've given our programmers more testing time and our driver, more practice time. Since we're done with building the robot, I'm preparing myself for competition by reading up on other teams. I see that we have some tough competition, especially at Silicon Valley!"

- Veteran

Anticipating

SLAY QUEEN

Prepared

Exhausted

How do you think we will perform?

"I think that we'll perform pretty well at most competitions. We might have a few glitches at our first competition, but after that, we'll know how to improve. I think we have a good chance of becoming alliance captains this season."

- Veteran

Winners

Nostalgic

Glad

YOLO

Tired

Anticipating

Hopeful

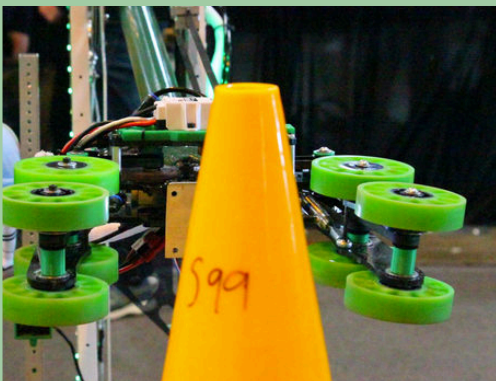
Exhausted



INSIDE THE GAME - COMPETITION RESULTS

This competition was a wonderful learning experience for all our members; giving us the inspiration to become stronger for the San Diego Regional.

Our team ranked 33rd place overall for the qualification matches. During the playoffs, we were in alliance with 1622 (our alliance captain), 6995, and 5869--making it all the way to 4th place in the playoffs!



OBSTACLES WE OVERCAME

With some missed deadlines, we did not give our driver as much practice time as the team had planned. This forced our driver to quickly learn the most efficient ways to maneuver Carter on the practice field with only a few days before the competition. Fortunately, our driver quickly improved during the matches and even managed to catch the eye of other teams.



On the first day of the competition, the scouting team had difficulties finding seats close together. Due to this, they ended up having to sit in two different areas in the bleachers, which caused our communication and collaboration to slow down. So, we changed the setup for the 2nd day and noted this challenge for our next regionals.

SUSTAINABILITY AWARD

THE FIRST TIME IN HISTORY

The team's well-organized business plan and strong budgeting system won us the Team Sustainability Award for the first time in Team 599's history. This award celebrates the team's entrepreneurial abilities in how we manage our finances, train new members, and raise funding. With a ten-minute interview and a binder of our business plan, we quickly wowed the judges.



DEAN LISTS

FRC'S MOST PRESTIGIOUS INDIVIDUAL AWARD

Our Business Executive, Angel Yanga, qualified for the Dean's List Finalist Award because of her outstanding leadership skills and commitment to the FIRST ideals. Through her management in our team's Business subgroup (Finance, Public Relations, Awards), she has shown to be a dedicated member of this team who puts in long hours of work every week to share her knowledge and inspire rookie members to continue building upon the foundation she has laid.



TEAM DEBREIF



PLUS

One of our main accomplishments during this regional was with our stand-scout team. The data was very accurate and impressed our partners, Team 4414. Additionally, the stand-scout leads were quick to respond to other team members' messages, which made communication within the team a lot easier and led to faster decisions.

DELTA

Due to a limited amount of time, our autonomous code was rushed and didn't work as efficiently as the team had hoped for. This problem also resulted in other challenges, such as the intake being unable to effectively pick up cones. However, before our next competition, we were able to properly fix both the autonomous code and intake.



SAN DIEGO REGIONAL



WE QUALIFIED FOR WORLDS!

The Robodex's primary objective going into the San Diego Regional was to earn our trip to the World Championship. We were able to accomplish this by creating a realistic checklist of preparations that would make us a true powerhouse team. The list included items such as fabricating a new and improved intake and refining our scouting schedules. This allowed the scout team to perform amazingly under pressure, with the help of demonstrations and practice with the forms before the event. We not only accomplished the fabrication of our improved intake but also created an abundance of extra resources that we could use in case of a broken robot. The team's readiness enabled us to rise through the ranks and be chosen as the alliance captain.



ON THE FIELD

On the competition field, our drive team worked hard in both defensive and offensive strategies. Our strategy combined with our drive skills allowed us to move up the ranks and win against championship-caliber world-class teams such as Team 973 (3x World Champions) and Team 1538 (FIRST Hall of Fame Team: World Championship Impact Award Winner).



ALLIANCE CAPTAIN

After 75 qualification matches, our team ranked #2 out of 50 teams, which made us the captain of the second alliance during the playoffs. We were in an alliance with teams 4738, 3749, and 4141. As we progressed through the playoff brackets, we met the #1 ranked alliance in the final playoffs.



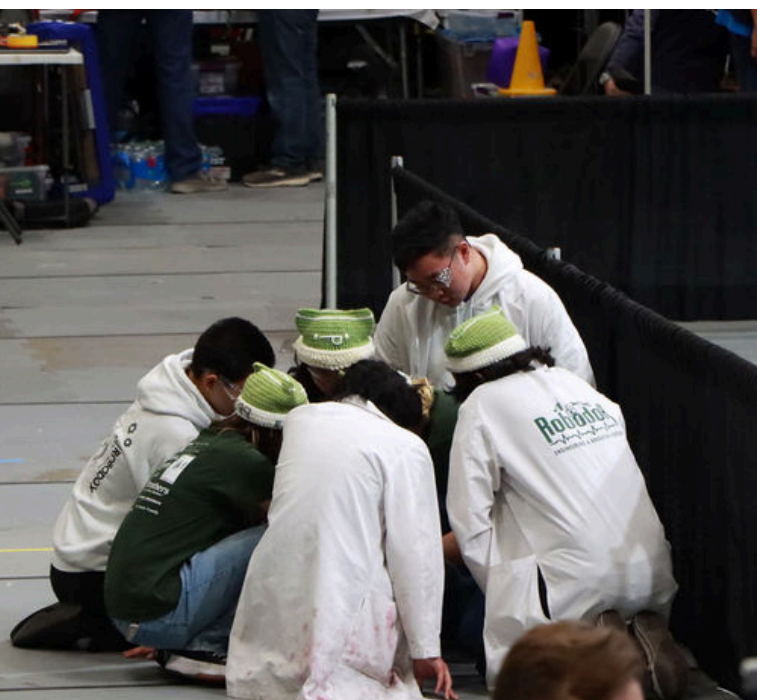
FINAL RANKINGS

In the end, Team 599 came out on the top as 2nd place out of 50. Our team's performance, along with that of teams 4738, 3749, and 414 in the playoff rounds qualified us all for the FRC's World Championship.

FACING CHALLENGES

One challenge was the layout of our pit, which interfered with the efficiency of the pit crew.

Currently, our pits do not have their own light source, making it difficult to work on the robot. In addition, our pit design did not look appealing and failed to capture the attention of other teams. This led us to engineer a whole new look that would be ready in time for Worlds.



There were also communication struggles; our subteam leads could not find common ground to discuss their plans of action. To address this, they directly discussed their outlook for the competition, which provided insightful information for our scouts and strategy team. Overall, even with the mishaps and mistakes made, our team was able to overcome the many challenges under pressure!

TEAM AWARDS

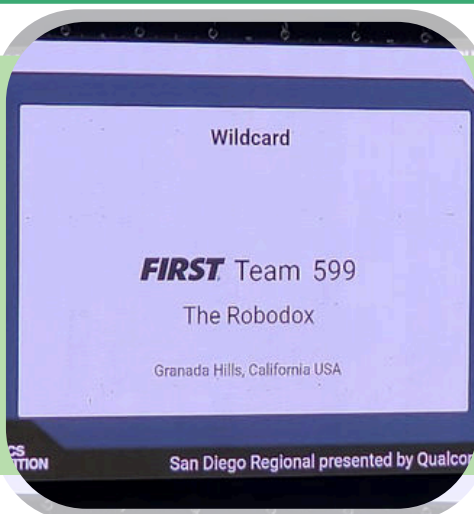


QUALITY AWARD

The first award of the night was the Quality Award, which recognized our impressive technical binder and the flawless engineering of Carter. Each piece was precisely fabricated, and each step of the process, from designing to testing, was carefully executed.

FINALIST AWARD

We won the Finalist Award when we made it to the final matches with our alliance partners, Team 4738 the Patribots and Team 4141 Monarch Robotics. More practice time and improvements from the Ventura Regional allowed us to thrive during this competition.



WILD CARD

As the captain of the finalist alliance and all the points we earned, our team received the Wild Card which will enable us to go to the Worlds Championship in Houston.

TEAM DEBREIF

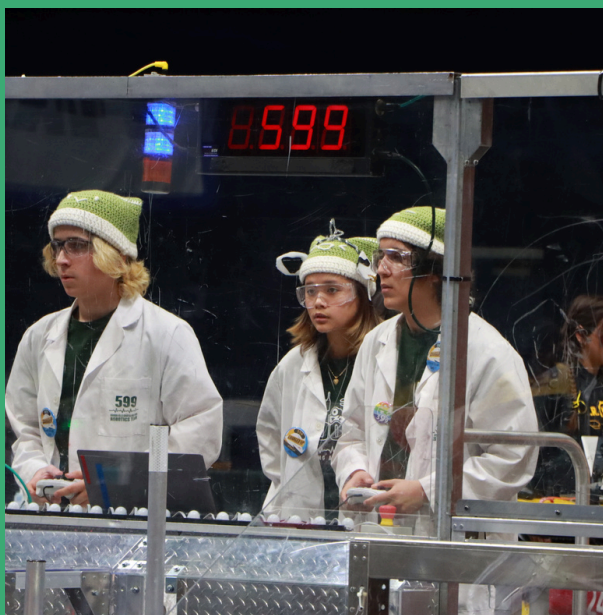


PLUS

Our strong team spirit was amplified by our large presence in the stands. Additionally, our efficient scouting system and observant scouts allowed us to form a pick list that we used when we became alliance captains. Carter was extremely reliable during the autonomous period, and the use of the single substation enabled us to stand out. With all our success, numerous teams came over to compliment Carter's performance.

DELTA

Although the large presence in the stands boosted team spirit, it made it difficult to find seats for everyone. As a result, team members had to sit in different areas of the stands, making it hard to communicate effectively. Another problem we faced on the field was slow lineups at the single substation. To combat this issue, we decided to use the April tags to auto-align the robot.



SILICON VALLEY REGIONAL



COMPETITION OVERVIEW

We were able to implement most of the improvements we had planned after the last two competitions. The Silicon Valley Regional, which was our last competition before the World Championships, provided us with a chance to prepare further and identify any other changes we could make to our strategy or robot. Additionally, it was an opportunity to network with teams from Northern California and build lasting connections. Despite some minor issues, such as slow lineups at the single substation, Carter ran smoothly overall. Our team's enthusiastic energy left a lasting impression on the other teams.

GAME HIGHLIGHTS

THE LAST RIDE BEFORE WORLDS



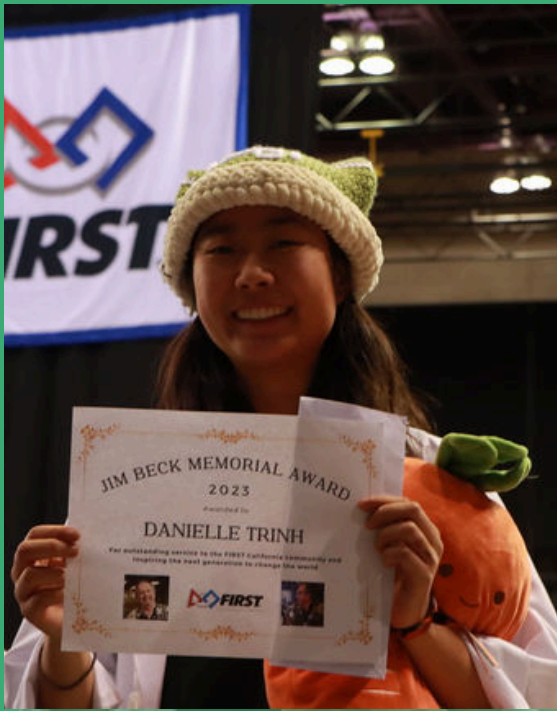
SCOUTING

Due to financial constraints, the scouting team was much smaller at this competition, which resulted in a larger workload for the remaining members. However, they were able to manage this by prioritizing their efforts, such as focusing on researching teams that had functioning balance mechanisms. Meanwhile, the drive team aimed to score in the higher positions, as Carter was capable of scoring there at a fast rate. We made sure our alliances were prepared and ready to go, but some teams were unprepared and turned down our offer of help.

GAME OVERVIEW

This year, we wanted to change things up by transforming from a defense bot to a dependable offensive-scoring robot. This major change paved the way for us to earn higher points, win more matches, and climb up the ranks.

ACCOMPLISHMENTS



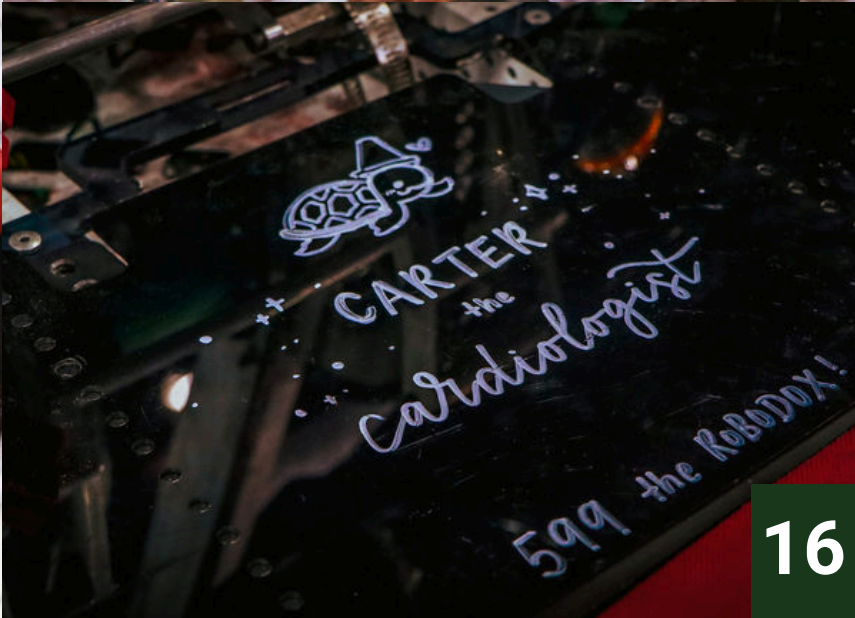
WINNER ALERT

Our hardworking president, Danielle Trinh won a scholarship award due to her incredible leadership and dedication to spreading FIRST ideals.

MAKING CONNECTIONS

The competition provided a great opportunity for us to connect with robotics teams from Northern California. We were able to network and socialize with new teams and make contacts for future collaborations and events.

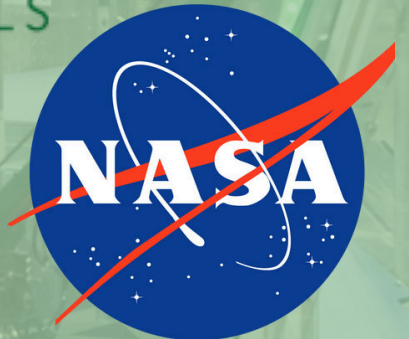




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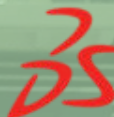
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