



Girl Powered

7983J

Juli Alexander
Alli Staricka



Our Lives outside of Robotics

Juli: I am the ASB junior class president, a varsity soccer captain, a volleyball player, a C2HS link leader, a PLTW Engineering student, a scholarship recipient from the Women's Club of Bakersfield, and an active member of the Society of Women Engineers at Centennial.

Alli: I am the ASB Commissioner of Girls' Athletics, a C2HS link leader, a Baby Cafe volunteer, an active member of National Honor Society, an active member of Spanish Honor Society, a cross country captain, a track and field captain, a 2-time recipient of the Bakersfield Jockey Club, and a PLTW Engineering student.



Alli (left) & Juli (right)

Our Team Roles

As a team, we all have our roles. Our team consists of five juniors with different levels of robots experience. Drew is the main builder. Alli is the main notebook designer. JT is the main programmer. Juli is our main scout and alliance negotiator. Riley is our main driver. Even though we all have our main roles, we all help each other and work on the robot.

Within our team, we work very well together. We all help one another so that we can make decisions together and succeed as a team. Everyone helps contribute to the notebook and the robot.

We spend copious amounts of time working on our robot, notebook and strategy. This involves working during the zero period class, lunch, and after school. Although we are not required to work all this time, we enjoy doing so in order to better our chances of winning.



From left to right: Drew, Alli, JT, Juli, Riley

Our Team Roles

We have all tried different roles on this team. Our team members-Drew, JT, and Riley-have all been in robotics for three or more years meaning that they have more experience than us. We have both learned about building, coding, and driving because of our robotics team and through the PLTW program.

However, our lack of experience has not stopped us. We have mastered a style for the notebook and learned to work as a team. Our team members constantly incorporate us and we constantly learn with them.



Our Team Diversity

Our team has a variety of people. Even though we are all the same age, we are very different people. We all do different activities and live very different lives. At times it is hard to work together and agree because we are just simply so different. We do our best to understand each other and listen to each other's opinions.

The biggest issue we have dealt with is the fact that we are all leaders in different aspects of life. However, the fact that we all have leadership roles is also a blessing because we can combine our approaches, and none of us feel superior to the others. We work very well together because we offer such different ideas.



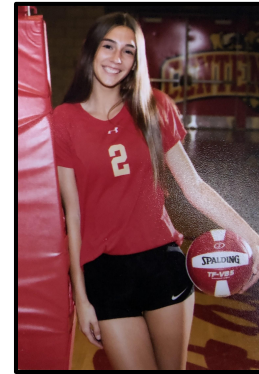
Drew enjoys building 3D printers and making products.



Alli enjoys racing with her cross country team.



Riley loves helping lead his soccer team to victory.



Juli enjoys being one of only two juniors on the varsity volleyball team.

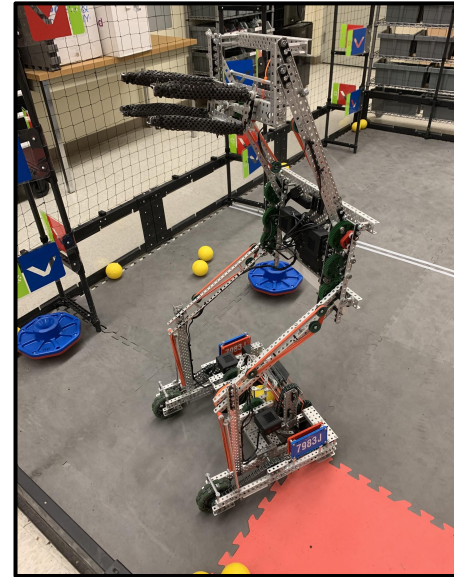
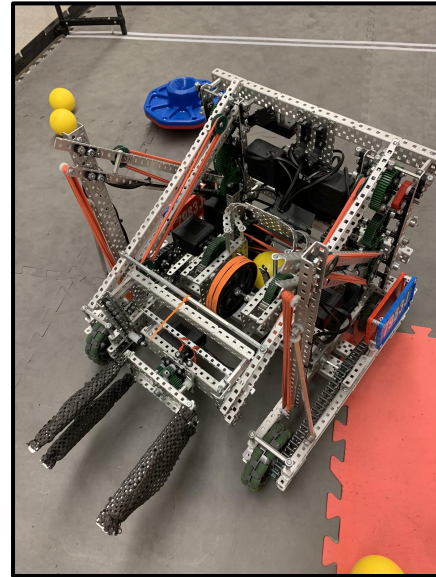


JT enjoys playing piano.

Perspective

Our team works well together because we all offer different perspectives. The classes we take, such as PLTW, Spanish, Physics, and the activities we participate in all give us different thoughts on what our robot should look like, what our strategy should be in matches, and how we should approach any issues.

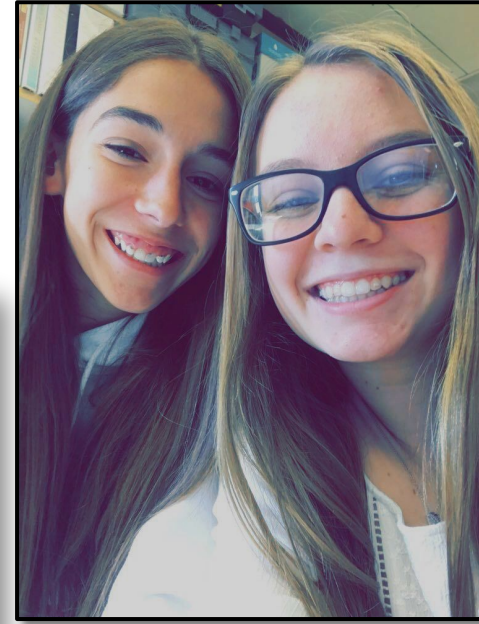
Our various leadership roles and participation in other activities create new perspectives within each of us. These perspectives allow us to bring up new ideas to the team, improving our robot and our team chemistry. Without the variety in our team, we would not be as successful as we have been this season, and for that we are thankful.



Girl Powered Initiative

Our team has taken a great interest in the Girl Powered initiative. Our team includes us in every decision and they make sure we contribute as much as they do. We put a lot of work into the notebook and the robot which has awarded us with three qualifications for state.

At our first competition, RoBOOtics SPOOKtacular, we won the Excellence award. At the Kern Robotics League Championships, we won the Excellence award once again. We also were the tournament champions and skills champions, triple qualifying us for state. The inclusiveness of our team has allowed us to work well together and be successful. We are very thankful for the Girl Powered initiative.



Girl Powered Initiative

As a team, we do not make decisions until we come to a consensus because we want to make sure everybody's opinion is heard, even if we do not all have the same opinion on a subject. Robotics is a very hard program and as a team we agree that everyone's opinion is valid. Our teammates always make sure we speak what is on our minds and contribute to decision making.

At the beginning of the season, we girls thought our opinions would not be considered by the more experienced, male members of our team. However, it became apparent within a few weeks that we would be treated equally because all members of the team see each other as uniformly important. Our team allows everyone to say what they want to say without judgement.



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Team Members: Alli Staricka, Juli Alexander, Riley Elwell, Drew Bransby, JT Laurente

Centennial High School Cyberhawks 7983

Bakersfield, California

