

Daria 2025

Explain how the student embodies the philosophies of Gracious Professionalism® and Coopertition® through the FIRST Core Values: Discovery, Innovation, Impact, Inclusion, Teamwork and Fun. Please provide examples.

In the three years Daria has been a part of Round Table Robotics she has lived the Core Values at every meeting and event. She embraces discovery by learning how to use tools and technology required to build and maintain our robots. Daria's quest for innovation has made her a driving force for enhanced vision tracking and automation on all our robots. As one of the student founders of GEM, Gender Equality in Manufacturing, she is impacting the lives of girls in our district by putting on workshops and events that champion the roles all women can play in manufacturing and engineering. Her whimsical approach to robot names and marketing shows her fun side and she is a true servant leader making sure all voices are heard and respected. She is a true model of Gracious Professionalism.

How has the student increased the awareness of FIRST? Describe the student's interests and/or plans to continue to engage with FIRST beyond high school. Please provide examples.

Leading our programming team, Daria takes the knowledge she has acquired and pouring that into younger students at every level of the FIRST programs. She truly understands that keeping a solid pipeline of students ensures the incredible growth of our program here in Oak Creek. Daria mentors FLL Explore teams and participates in sponsor visits to tell the businesses in the area about FRC and the team. Through the GEM program, Daria and her team look for students who feel a future in a STEM field is outside of their comfort zone. The curriculum they designed focuses on teaching life skills with both hand and power tools in a way that is fun and engaging. She has already locked down plans for Movie Premiere Fundraiser and a Mother Daughter workshop designed to show girls that drill and rivets are cool!

How does the student's individual contribution to the team benefit the team as a whole? Please provide examples.

Daria has been an active part of our programming team since her freshman year. She quickly became a big part of this group, absorbing all the knowledge she could, she co-leads our programmers. Daria's coding ability and high level of patience when teaching younger students ensure we will have a solid programming team in the future. Daria has also been a loud voice in support of our program. As an Impact presenter, she helped clearly tell the team's inspirational story to judges around the country. She also presents robot demos. Daria is a model of the true power FIRST has in the lives of young people,

especially young ladies. Her creativity and whimsy helps our business team market Round Table Robotics in a fun and professional way.

Describe the student's experience in and mastery of areas of STEM. This could include, but is not limited to, skills in engineering, software, CAD, fabrication, etc. Please provide examples.

Daria is a co-leader on the programming team and spends much of her time writing and teaching robot code for autonomous and teleop modes. She has been awarded the National Center for Women & Information Technology Aspirations in Computing Regional Affiliate Award in recognition of her programming talents. She also earned a qualification on the FESTO Bionics Mech Lab, has been involved in Girls Who Code for the last three years, participated in the National Science Bowl, and is a member of the mathematics honor fraternity Mu Alpha Theta. Daria also had the chance to fabricate when she helped to teach the first round of the GEM program, learning to use hand tools and assemble.

Explain the students' leadership to their fellow team members and/or others in the community. How do they motivate others? What is their leadership style? Please provide examples.

Daria leads through coaching and teaching. This can be seen in the way that she shares her thought process with the programming sub team and her patience with their learning. She practices the methods that she wants the team to learn, engages each of them, helps find solutions, and celebrates wins. Daria is passionate about leading STEM learning. She took her FESTO experience and then taught a class for this program at the Oak Creek public library. She has also represented our team at the state of Wisconsin's FIRST program at the Wisconsin State Education Convention. Her leadership style is proactive, coaching, and inclusive and can best be described as a thoughtful example of what a strong FIRST student should embody.

Please share anything else you would like us to know about the student, including academic performance, specialized skills, or additional extracurricular activities.

Besides Round Table Robotics, Daria is also a member of the National Honor Society and plays in the Oak Creek High School Band.