

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.

Nadia is a kind, but effective force in 1511. Her impact on our team and our community is huge as she is a key member of our Outreach Subteam, helping to run 17 events to promote FIRST just this year! As a longtime FIRSTer since FLL, she embodies GP and Coopertition, seeing competition as a way to make new friends, share scouting data, teach team dances and lead cheers.

She is a driving force in 1511's efforts to increase access to STEAM. This year she met with our District's Diversity, Equity and Inclusion Admin to promote STEAM with other school clubs.

A big team player, she helps wherever she is needed. When the hang mechanism subteam was having trouble, she lended a hand and learned innovation is key to iterative design, redesigning many parts to help her teammates get it right.

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.

Nadia recruits new members through school fliers and has produced 3 recruitment videos for morning announcements. This past year, she discussed ways to bring STEAM to diverse student groups with our new Diversity Equity & Inclusion Admin. She involved multiple school clubs in STEAM Week. This resulted in 20 new students, a 50% increase!

On the Inaugural NYS STEAM Day in November, she gave a presentation to over 400 K-5 graders about how STEAM is for everyone. She had great enthusiasm and made her part interactive that really engaged the students. When she was running a robot demonstration at Barnes & Noble a few days later, kids from the STEAM Day presentation came!

She plans to continue to inspire future STEAM leaders by volunteering at competitions and events like Ruckus after graduation.

Describe the student's technical expertise, using specific examples in the areas of programming, electronics, design, fabrication, making, illustrating how these skills have contributed to the team's success. Please provide examples.

Nadia is a sponge, easily learning everything from soldering to using a lathe, from driving robots to documentation. She is adept in the shop, from knowing how to program the robot and coding the controls to being able to CAD, fabricate and assemble. She spends many hours during Build Season making sure we have a well-designed and built robot. She is able to use her talents in any areas that are needed. Because of her knowledge, she has been selected to be part of Pit Crew the past 2 years where she is able to quickly diagnose and fix problems in between matches. Her calmness is exactly what our team needs in this intense environment.

She expands her technical knowledge by taking technical courses, such as Project Lead the Way Digital Electronics and Drawing and Design for Production.

How does the student's individual contributions to the team benefit the team as a whole in the areas of fundraising, outreach, entrepreneurship, and creativity? Please provide examples.

Nadia ties her love of music, 10 years playing percussion, to our Grateful Red Music Festival. This past year she was on the Planning Committee!

She also ran a Books & Bots event at the library, reading the kids a STEM book, had them drive the robot and made a STEM craft for all 20 students. She helped grow this event into a new partnership with Barnes & Noble ~~to~~ to run it there, too! She led a successful fundraiser with B&N, raising over \$1000 for 1511!

She loves teaching kids, especially those who are underserved. At 2 STEAM Nights she taught them to program EV3 robots and shared in their enthusiasm when the bots successfully ran; you could literally see their confidence grow! She's currently organizing a 1511 outreach event with Sleep in Heavenly Peace, a nonprofit that makes beds for kids.

Explain the student's leadership to their fellow team members. How do they motivate others? What is their leadership style? Please provide examples.

Nadia is a modest and benevolent leader, leading many of our outreach events to help increase others' access to STEM and promote FIRST. She helps bring FIRST to foster kids via a robot demo and kids on the other side of Rochester via FLL camps.

Her patience and desire to help others aligns well with her mentorship of our FLL and FTC teams through numerous help sessions, FLL camps and volunteering at FLL and FTC Qualifiers. She mentors her former FTC team 6996 throughout the season with design, prototyping, CAD and 3D printing, and helped them prepare their STEAM Day presentation.

As this year's New Student Coordinator, she is the new students' ambassador. By memorizing each of their names and using them when she engages with them, she makes them feel instantly part of the 1511 family.

How long has the student been involved in FIRST?

8 years in FLL, FTC and FRC