

Hannah

Hannah defines “small but mighty.” She is quiet and mature, but embraces the fun of FIRST with her humor and wit. She is one of our most well-rounded and accomplished students with strong technical and leadership skills, performing excellently in school, and having a genuine passion for FIRST.

In her 3 years on FRC1511, Hannah has increased her team responsibilities. She was elected by her peers to be the Subteam Coordinator student leader, making sure all the subteams are meeting their goals. Coincidentally, she is on almost all subteams, technical and non-technical. She attends integration meetings to make sure all subteams are working together to build a cohesive robot, acting as a Systems Engineer.

**Commented [1]:** not electrical

Her entrepreneurial skills are evident by her organizing one of our most successful fundraisers and raising \$5000 in our Patron Drive, creating her own presentation that she shared with the rest of the team. She brought a new student with her to co-present to a technology firm that ultimately sponsored us.

Hannah contributes countless hours to the team. She has volunteered at 29 community services, robot demos, and events for all levels of FIRST. In Preseason, she beta tested the new controls system. In Build Season, she can be found doing CAD or force calculations. When Hannah isn't solving intricate robotic system issues, you'll find her in the shop fabricating parts, wiring up the robot, and training new students. Due to her hard work from brainstorming designs to implementing all components of the robot, it's no coincidence that Hannah has been selected for Pit Crew every year with a variety of cross-functional responsibilities. As Safety Captain for 2 years, she's done amazing at keeping both students and adults safe by presenting weekly safety lessons, reminding people not to rush, and ensuring tools are being properly used.

In addition to training and mentoring teammates, Hannah has also recruited new members. She has spread FIRST to her family, showing them Slingshot at Thanksgiving, recruiting her father to help our Marketing subteam revamp our website, and encouraging her nephew to join a FLL Jr. team that she is now mentoring.

We don't know where Hannah finds the time to donate 200+ hours to community services like church mission trips and a library summer reading program for 4 years, or play the harp in 45 concerts and teach a school harpist group. She is proficient in Latin, winning various national awards. To earn her Girl Scout Silver Award, Hannah was inspired by her favorite hobby of reading to personally collect, via wagon, over 400 books for a summer reading program for foster care kids. She split the books by reading level and let the kids pick books to take home.

**Commented [2]:** can't fit the senior homes because no more characters. If they ask about it in your interview, you can mention it, more in the context of community service. Though I doubt they will ask because it's not really part of the criteria...

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In addition to all this and robotics, she maintains a 98.4 GPA while taking 5 AP courses and Honors classes all 3 years. She earned perfect ACT and SAT critical reading scores; her composite SAT score was near perfect at 2200.

She doesn't stop there! Hannah has also increased an awareness of FIRST by articulately talking to federal and state representatives about STEM education funding and policies, including STEM grants for women and minorities. She attended the FIRST NAC in DC the past 2 years, and has met locally with representatives. Since those meetings, the NY reps wrote letters to support a \$250k grant for NY FIRST teams, and the Every Student Succeeds Act was passed federally!

Hannah plans to attend college for engineering or physics. Her summer internship at a local college's particle accelerator will help her decide. One of her criteria for her college choice is her ability to be a FIRST mentor and volunteer at events. Long term, she wants to mentor women in STEM fields. Her goal is to be a successful female role model in a male-dominated field.

We don't doubt her plans because she already mentors in so many ways and is obviously goal-driven. Hannah is the epitome of a successful FIRST student who will become a successful FIRST mentor and engineer.