

Andrew Hildreth

Having been involved with FIRST and robotics since fifth grade, Andrew Hildreth has made significant contributions to both his team and community. Andrew began his robotics career back in 2012 when he joined his school's FLL team, and since then he has also been a key member of his local FTC and FRC teams. Ever since Andrew started with the Warlocks 3 years ago, he has always been a passionate, highly dedicated, and creative student. He has always demonstrated his passion and willingness to learn as much as he can, as well as enthusiastically passing that on to other students.

On the Warlocks, Andrew has many different responsibilities. He currently participates on our build sub group as our lead pneumatics specialist, teaching new students how to configure and assemble pneumatic components on the robot. He is also one of our lead Scouting team members, where he trains and leads a team of over 15 scouts at competition. On scouting, Andrew uses several training presentations and hands-on learning sessions to ensure that students feel confident while scouting at competition. He also leads our pick list meetings and alliance selection process, using the data collected by his scouts to make informed decisions and match strategies.

Andrew has also contributed to many of our team's outreach events, including a summer demonstration where he brought together some of his friends, former teachers, and others to help spread and spark interest in FIRST. He also led an effort through Boy Scouts to start a Lego Mindstorms after school class at his old elementary school, which teaches elementary students how to assemble and program Lego robots. He is also a key participant in inspiring young students at several of our summer demonstrations, including the Erie County Fair and at several local elementary schools. Through these demos, Andrew enthusiastically shares his experiences of being on a FIRST robotics team, and helps inspire and spread awareness of FIRST in his community.

Andrew has demonstrated that he is an excellent self learner, having learned pneumatics by himself from various online resources and videos. After remembering the struggles of teaching himself during his freshman year, Andrew also uses any spare time he has to teach new students everything that he has learned. This year, he is mentoring 2 new students on pneumatics, teaching them all of the tips and tricks that he has learned over the years. Andrew also helps out in other areas to ensure that incoming students have the support that they need to be successful.

Andrew is also a very enthusiastic and creative individual. In middle school, he competed in a Rube Goldberg machine competition, where he worked countless hours researching, designing and assembling each component of his machine. Even after winning the competition, Andrew continued to work on his machine until it was perfect. He also demonstrates his creativity throughout the build and competition seasons. Last year, he took it upon himself to decorate our scouting tables with lights, music, and other creative decorations. This made our team look significantly more interesting and approachable, as well as creating a positive vibe to help de-stress everyone involved.

Over the past 3 years, Andrew has been an excellent student leader and role model for our team. He is always a positive, passionate, and hardworking student, even during difficult or stressful times. He is always someone you can count on to cheer you up or make you laugh when you're stressed or having issues. Whenever given the opportunity, Andrew always manages to put his unique and creative touch on anything that he does. Having been inspired as a FIRST student, Andrew is looking

forward to studying mechanical or electrical engineering in college. Andrew displays the characteristics and passion of a Dean's List Recipient, and we believe he is deserving of this award.