



The Broncobots Bulletin.

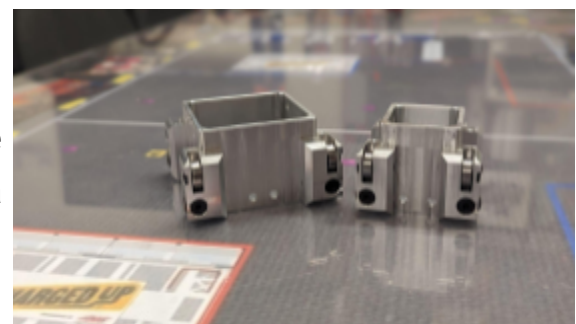
Hope House Outreach

The Broncobots are proud to announce the annual R7-Alliance outreach event for Hope House. We are currently collecting items of urgent need. Hope House is an organization that helps every man, woman, and child affected by domestic violence. If you would like to help with this endeavor, feel free to drop off donations through February 24th at the Broncobots build site or donate directly through the Hope House website.



This Week @ The Shop

This week the Broncobots have been hard at work. There has been a lot of CNC work done to assist with assembly. The programmers have been hard at work logging information from motors. The goal for this year is to have the computer track enough data to replicate any issues. The robot is tracking: paths of the robot, currents, volts, and additional position data. In addition, the code saw major memory usage improvements and optimization. The battery cart, which is being funded by a student-led grant, has been assembled, stained, and polyurethaned.



*One of the CNC parts



Broncobots Spotlight

Alumni: Scott H.

First year on team:
2014

Job: Account Manager
for Lockton Affinity

**Favorite personal
achievement:** Winning
in 2019 as a 6th
seed alliance
captain.

Fun Fact: Very good at Texas Holdem.



Mentor: Paul S.

Years on team: 13

Role on the team:
Jack of all
trades.

**Favorite part of
being a**

Broncobot: Watching the team get
better.

Fun Fact: First FIRST Dean's List
winner in KC.



Student: Nate C.

Years on team: 1

Role on team: CAD &
Mechanical

**Favorite memory on the
team:** Winning CowTown
Throwdown.

**Favorite personal
achievement:** Being a human player in
CowTown Throwdown.



Student: Matthew A.

Years on team: 3

Role on team: Lead
Media & Lead
Programming

**Favorite personal
achievement:**

Redesigning the
[website](#).

Fun Fact: Can make some banger
grilled cheese sandwiches.





Weekly Sponsor Shout-Out

This week we are giving a huge shout-out to our sponsors out at the Gene HAAS Foundation! If not for them then no part of the game this year would be possible. Thank you so much for your support of STEM through the FIRST community!



Calendar

- February 24th: Last day to donate to Hope House through the R7 outreach event
- March 12: LSR7 Robotics Open-House
- March 16 - 18: Broncobots compete at Heartland Regional at Olathe South
- March 30 - April 1: Broncobots host and compete at Greater Kansas City Regional at Lee's Summit North

Links

- [Hope House Website](#)
- [2023 CHARGED UP Game Animation](#)
- [Charged Up Game Manual](#)
- [Broncobots 2023 season week 5 update](#)
- teambrncobots.com