



The 1987 Broncobots Bulletin.

Est.
2007

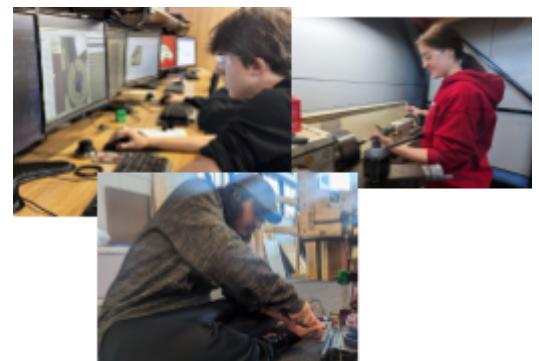
Broncobots Volunteer!

Broncobots have been busy this year with various volunteering activities in the community. One of the Broncobot's favorite off-season volunteering opportunities was at Harvesters, a local food bank, where we helped assemble student snack packs. Team members have also volunteered at FLL and FTC events, working with younger students to inspire a love of STEAM & help run competitions smoothly.



This Week @ The Shop

This week at the shop, The Broncobots have continued prototyping robot mechanisms! CAD is ongoing for the first robot, while machining has begun for manufacturing parts. Broncobots are currently prototyping an intake and scoring mechanism on the robot to learn valuable note physics and design variables.





Broncobots Spotlight

Alum: Dominic B.

Graduation Year: 2013

Job: CAD designer at Wenger Manufacturing

Favorite achievements while on the team:

Winning the Engineering Inspiration Award Sophomore year & designing robust actuators senior year.

Fun Fact: Own a project car, a 1978 Datsun 280z—the same car used in High School.



Mentor: Ken S.

Years on the team: 12

Role on the team:

Programming & Website

Favorite achievement on the team: Created

BroncoCast, the system used for team-wide announcements from 2016 - 2023

Fun Fact: Created a compiler for a 42-year-old computer in assembly.



Student: Sylvia H.

Years on the team: 2

Role on team:

Mechanical, Scouting, & Machining

Favorite part of being a Broncobot:

Learning how to use machine shop equipment. (Saws, Drills, Mills)

Fun Fact: Formerly Ambidextrous.



Student: Ivan F.

Years on the team: 1

Role on team:

Mechanical & Strategy

Goal for this year:

To learn programming.

Fun Fact: Won Junior Robotics League in 2020.





Weekly Sponsor Shout-Out

This week's sponsor shout-out goes to Grider Orthodontics!

Thank you so much for supporting our team by allowing us to use your parking lot for our Oktoberfest fundraiser.



Calendar

- March 7 - 9: Central Missouri Regional
- March 14 - 16: Heartland Regional
- April 4 - 6: Greater Kansas City Regional

Links

- [2024 Crescendo Game Animation](#)
- [Crescendo Game Manual](#)
- [teambroncobots.com](#)
- [The Blue Alliance - Team 1987](#)
- [Kickoff Video 2024](#)
- [Broncobots Week 1 Update](#)

