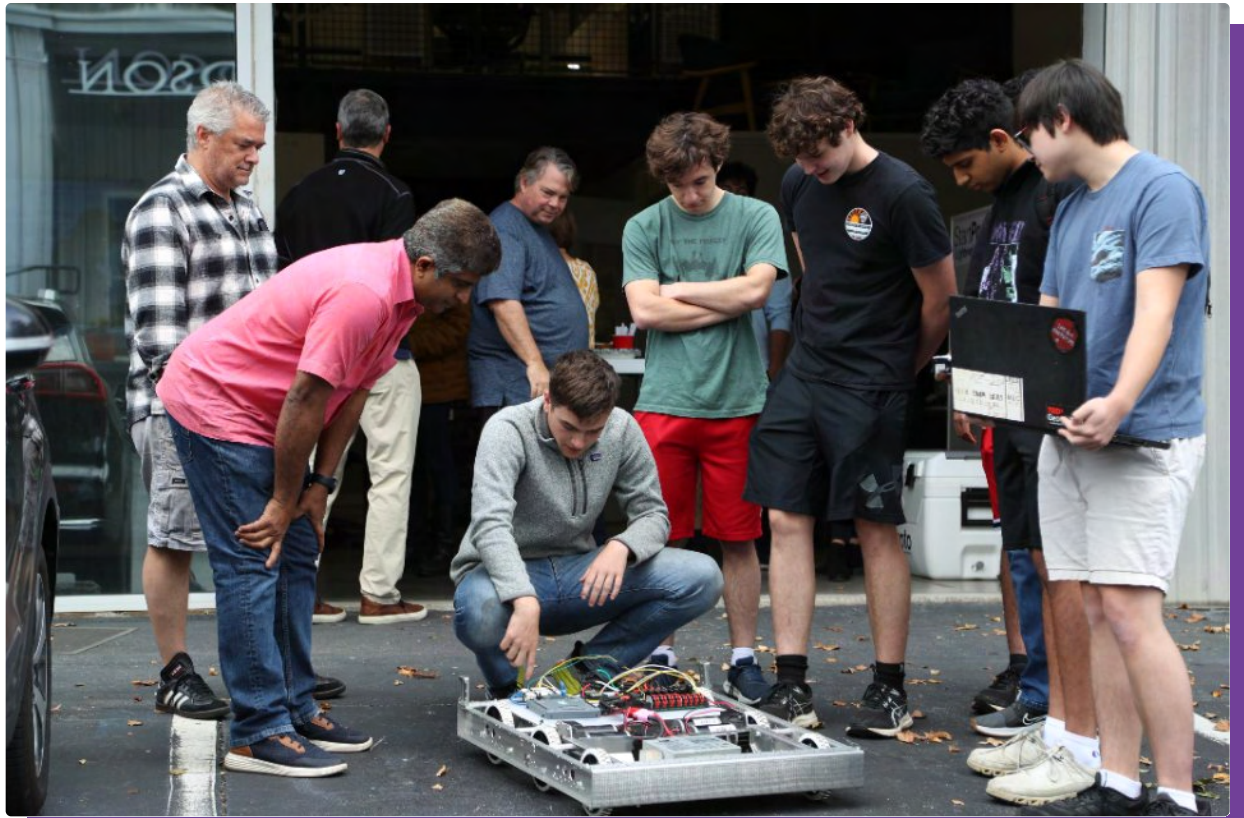


Sponsorship Packet



Who we are

G28 is an Atlanta-based high school robotics team with the mission to give students opportunities to gain practical experience in manufacturing and engineering.

After interning at a manufacturing software startup a local machine shop, students from high schools around Atlanta came together to form a team focusing on what they felt was missing from other teams: manufacturing.

At G28, we emphasize that learning should be fun and engaging for everyone. **As FIRST founder Dean Kamen said, "We don't use kids to build robots, we use robots to build kids."** Our collaborative atmosphere and competitive spirit ensures that members can be fully engaged in the process of creating a robot, lifelong skills, and interests.

Our team currently has twelve students and five mentors and is working on expanding.

FIRST - For Inspiration and Recognition in Science and Technology

FRC (FIRST Robotics Competition) is a robotics competition where teams compete with each other in a series of events, at the local, state, and international level.

During the season students work around the clock to design, build, and program a capable robot to compete in a unique & challenging game that is released at the start of every year. In addition to building a robot, teams must also build an organization with marketing, fundraising, outreach, while passing on skills to future members for a more sustainable program.

Through FIRST, students build lifelong skills in problem-solving, critical thinking, and teamwork that are essential for success in college and beyond. The skills gained will continue serving students well into their future careers.

Colleges and businesses recognize FIRST participants' experiences, respect their expertise and skills, and specifically target such students when recruiting. Students also gain access to over \$80 million of scholarship money dedicated for FIRST Robotics participants.

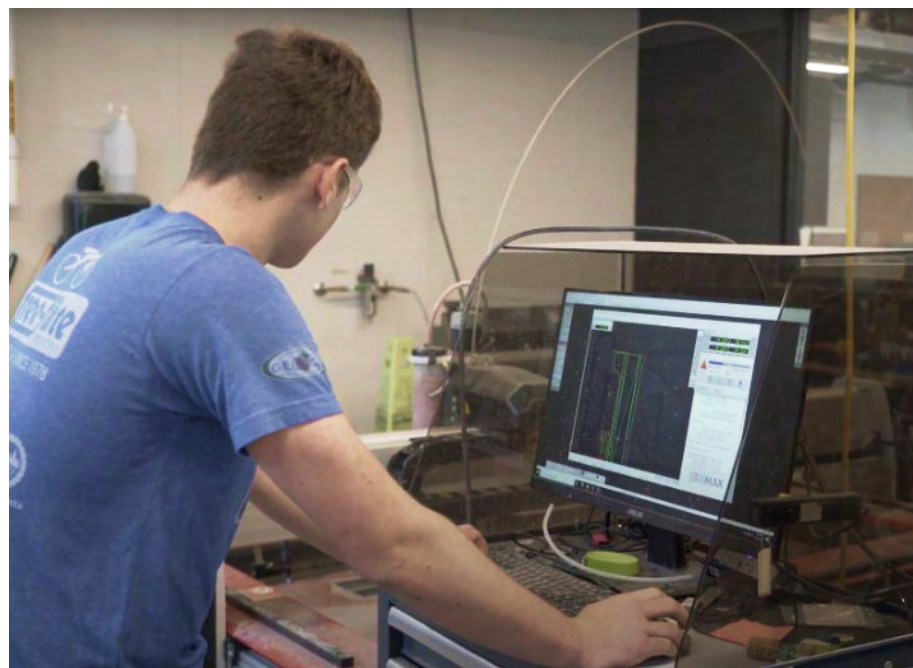


What we do

Manufacturing:

build a competitive industrial-quality robot

- **Ideate & Prototype** mechanism designs
- **CAD Design** using SolidWorks & OnShape
- **Machine & Fabricate** parts using CNC Mills, Lathes, WaterJets, 3D Printers, and more.
- **Program** the robot for manual and autonomous operation



Business:

build professional relationships, work with corporations, and organize meetings

- **Develop business plans**
- **Present** at competitions
- **Raise** and manage team funds
- **Lead projects** from idea to execution
- **Market** and build a brand (FIGMA, Adobe)

Competition:

the culmination of all we do

- **Test designs** in matches
- **Strategize** with other teams
- **Repairs & Modify** our robot
- **Advance** to further competition
- **Win** Awards and matches



Goals

Immediate - field competitive robot for the 2024 FIRST Robotics Competition season.

Mid-term - build a sustainable team by recruiting a diverse membership

Long-term - build a network that connects manufacturers to FIRST Robotics in Georgia.

Timeline

Pre-Season

Build Season

Competition Season

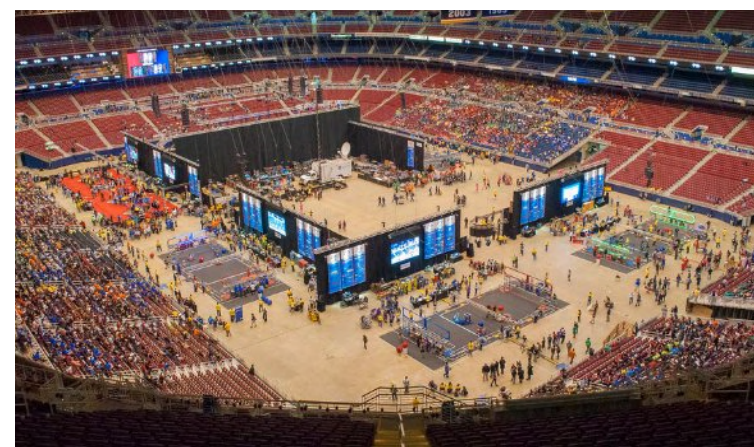
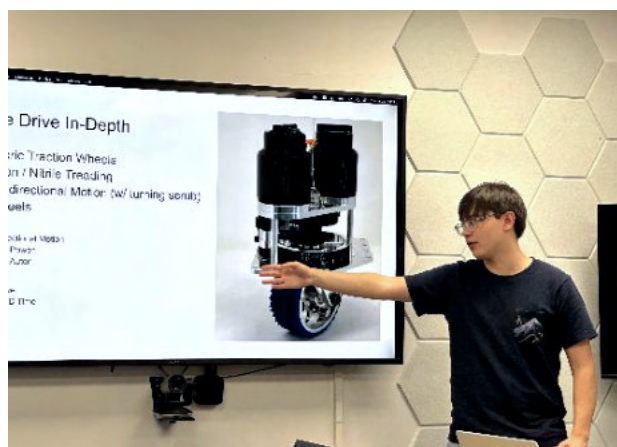
World Championship

Now

January 6, 2024

March 7, 2024

April 19, 2024



It's not possible without sponsors

G28 depends on the generous support of local businesses, private sponsors, and corporate contributors.

As a sponsor, you are contributing directly to exposing students early to real world engineering, manufacturing, and business problems and setting them up for success in college, the workforce, and beyond. Support is appreciated through donations of materials, services, time, and money.

Your donations directly contribute to:

- Parts required for building a competitive robot
- Outfitting the build space with the tools & machinery to fabricate the robot
- Competition registration fees, travel, and lodging costs



G28 is a member of the Georgia Robotics Alliance (GRA), allowing us to provide full 501(c)3 tax deduction benefits for all donations.

Budget

There are many costs associated with running a competitive first robotics team. Below is an approximate list of costs for the upcoming season.

Base Fees	
Item	Amount
FIRST Registration	\$6,000
Georgia Championship Registration	\$4,000
Capital Expenditures (Open to Donations - See Below)	
Item	Amount
Trailer (7' x 14' or similar size)	\$5,000
Shop Tools & Equipment	\$4,000
Tool & Parts Storage	\$2,000
Driver Station & Robot Cart	\$2,000
Robot Expenses	
Item	Amount
Purchased Components (Motors, Electronics, etc.)	\$4,000
Raw Stock Materials (Sheet Metal, Extrusion, Fasteners, etc.)	\$3,000
Competition Expenses	
Item	Amount
Hotels for Events	\$3,000
Travel & Transportation	\$2,000
Total	\$35,000

Sponsorship Benefits

Tiers & Benefits



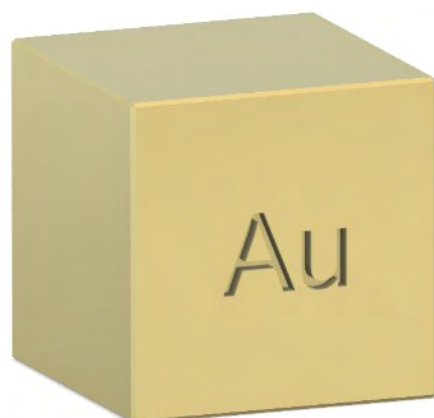
Title Sponsor: \$5,000+

- Tournaments: Your company thanked during competition alliance selections and invitation to travel to tournaments
- Extra-large logo of business on robot, banner, and team shirts
- Website: logo & link on sponsorship page and first page
- Memorabilia: Thank you plaque and G28 Robotics Shirt
- Invitation to end of year celebration
- Opportunity to present to students about your company during meeting or with a tour



Platinum Sponsor: \$2,500 - \$5,000

- Robot: Large logo displayed on robot
- Banner: Large logo prominently displayed (displayed at events)
- Shirts: Large logo displayed on shirts
- Website: logo and link on sponsorship page
- Memorabilia: Thank you plaque and G28 Robotics Shirt
- Opportunity to present to students about your company during meeting



Gold Sponsor: \$1,000 - \$2,500

- Robot: Medium logo displayed on robot
- Banner: Medium logo (displayed at events)
- Shirts: Medium logo displayed on shirts (worn at events)
- Website: Business logo and link on sponsorship page
- Memorabilia: Thank you plaque and G28 Robotics Shirt



Silver Sponsor: \$500 - \$1,000

- Robot: Small logo displayed on robot
- Banner: Small logo (displayed at events)
- Shirts: Line of text with business name
- Website: Logo and link on sponsorship page
- Memorabilia: Thank you letter and G28 Robotics Shirt



Bronze Sponsor: \$100 - \$500:

- Robot: Line of text with business name
- Website: Line of text on sponsorship page
- Memorabilia: Thank you letter

Additional Support

Mentors

Mentor Roles	
Mentor Role	Role Description
CAD	Teach students on the team how to use CAD
Mechanical	Help students build a competitive robot
Marketing	Guide students in creating marketing assets for team communications
Website	Teach students how to build and manage a website
Financial	Help students fundraise and manage team funds

Donation Requests

Tools	
Item	Item Description
Mill Tooling	End Mills (1/8", 1/4", 3/8"), Drills, Reamers, Taps (#10-32, 1/4"-20)
Lathe Tooling	Insert Tooling, Boring Bars, Knurling Tool, Quick Change Tool Post & Holders (Aloris CXA Style), DRO System & Scales (13" x 40")
Work Holding	6" Machine Vises (2), Soft Jaws, Vise Stops, Collet Blocks, 5C Collets,
Metrology Tools	Calipers, micrometers, indicators, 3d Taster, tool setter, surface plate, height gauges, gauge blocks & pins
Materials	6061-T6 Box tube, 6061-T6 Plate, 5052-H32 Sheets, etc.
Hardware	Rivets (1/8", 3/16"), Nuts and Bolts (#10-32, 1/4"-20)
Assembly Tools	Driver Bits, Hex Keys, Screw Drivers, Ratchets, Sockets,
Power Tools (Milwaukee)	Drills (M12), Impact Drivers/Wrenches, Track Saw, Chargers, Batteries, etc.
Pallet Jack	For moving equipment in the shop & at competitions
Other	
Item	Item Description
Food	Feed team members while working on robot
Enclosed Trailer/Box Truck	Move our robot and equipment to practice and competitions (7' x 14' size or similar – Ability to borrow also appreciated)

Current Sponsors

StartProto

Title Sponsor



Contact Us

Website

 g28robotics.com

Facebook

 facebook.com/g28robotics

YouTube

 youtube.com/@G28Robotics


LinkedIn

 linkedin.com/company/g28-robotics

Instagram

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