

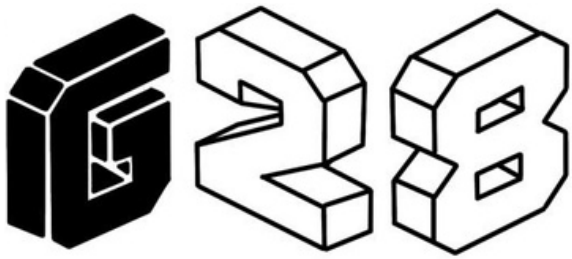
2023



G28 Robotics

Sponsorship Packet

2024



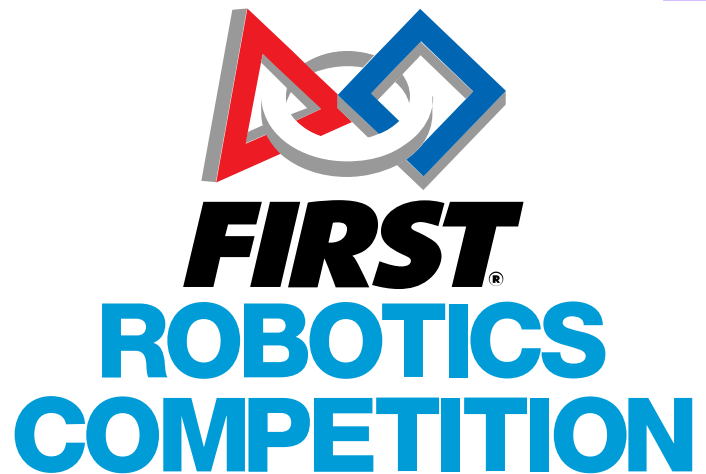
Who we are

G28 is a high school robotics team with members from all over the Metro Atlanta area. Our mission is to bring real life manufacturing and engineering exposure to students while competing at a high level.

What we represent

"FIRST creates programs where its participants are limited only by the bounds of their imagination and gives them a forum to begin to examine the world's problems by exploring science, technology, engineering and math."

*- Congressman Jim Langevin
(RI)*



G28 competes in the FIRST Robotics Competition (FRC), an international competition centered around building 120+ lbs robots in a 6 week build season.

Timeline

Pre-Season

1

May - December

Build Season

2

January - February

Competition Season

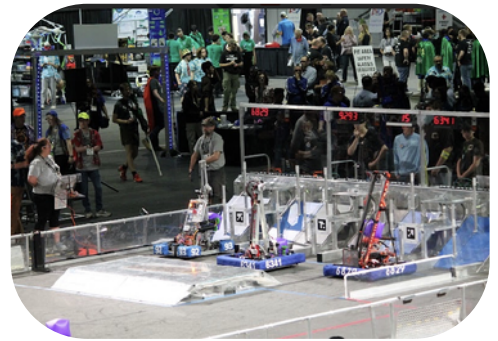
3

March - April

Championship

4

April



What we do

Present
business plan
to judges

Wire Canbus
control system

Tune **PID**
control
loops

Machine parts
on **CNC mill**

Design
components
in **CAD**

Compete
and
WIN

Raise funds
through
outreach

Share with our
community

Learn from
Industry
mentors

Write robot
control code in
Java

We are a student-led, mentor-guided community inspiring the next generation of leaders in manufacturing, software, and engineering!

G28 was created to fuel interest in STEM across Metro Atlanta. By partnering with a local startup, we provide a place where students foster strong passions for programming, engineering, and design while honing their leadership, critical thinking, and problem-solving skills.

FRC creates a competitive environment that our members thrive in as they brainstorm, design, construct, and test a unique robot. Not only do members build strong foundations essential to engineering and programming, they also gain crucial career skills and experience that employers and colleges value immensely. Students exclusively qualify for \$80 million in scholarship money for participants of FIRST Robotics.

Goals



At G28 Robotics, we believe that strategic and controlled growth is the key to sustainability. In recognition of this, G28 continuously evaluates opportunities for growth that benefit both students and organization.

Our five-year plan revolves around three main goals, in order of priority:

- 1) **Strengthen** - continue to build up our team by recruiting from underrepresented communities in Atlanta.
- 2) **Stabilize** - build recurrent sponsor and mentor relations.
- 3) **Expand** - use the resources and the technical/social skills learned to continue to help other robotics teams in the area, such as FLL and FTC teams.

Budget



There are many costs associated with running a competitive FRC team. Below is a general list of predicted costs for the upcoming season.

Item	Amount
Base Fees	
FIRST Registration	\$6,000
Championship Registration	\$4,000
Capital Expenditures	
Trailer	\$3,000
Robot Cart	\$500
Driver Station	\$500
Shop Tools & Equipment	\$3,000
Tool/Parts storage	\$2,000
Season Expenses	
Robot Expenses	\$4,000
Build Meeting Food	\$1,000
Hotel	\$3,000
Total	\$27,000

Financial

We are a registered 501(c)-3 and can provide a W-9 on request.

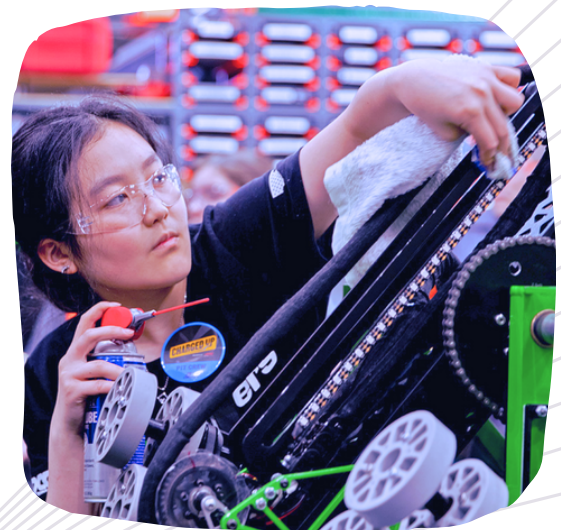
Amount	Collateral
\$2000+	Name/logo on robot and website, highlight on social media
\$1000-2000	Name/logo on robot and website
\$500-1000	Name on robot and website
\$100-500	Name and logo on website
\$0-100	Name on website

Mentorship/In-kind Donations

Additional ways to help:

- mentorship (*engineering, manufacturing, software*)
- materials
- tools
- food
- internship opportunities

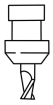
These are equally as beneficial to the team's success as monetary funding.



Contact Us

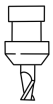


Website



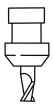
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***Thank you for your support
of G28 Robotics!***



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GEORGIA ROBOTICS ALLIANCE

G28 Robotics is a member of the Georgia Robotics Alliance, a non-profit in the state of Georgia and a 501(c)-3 organization.