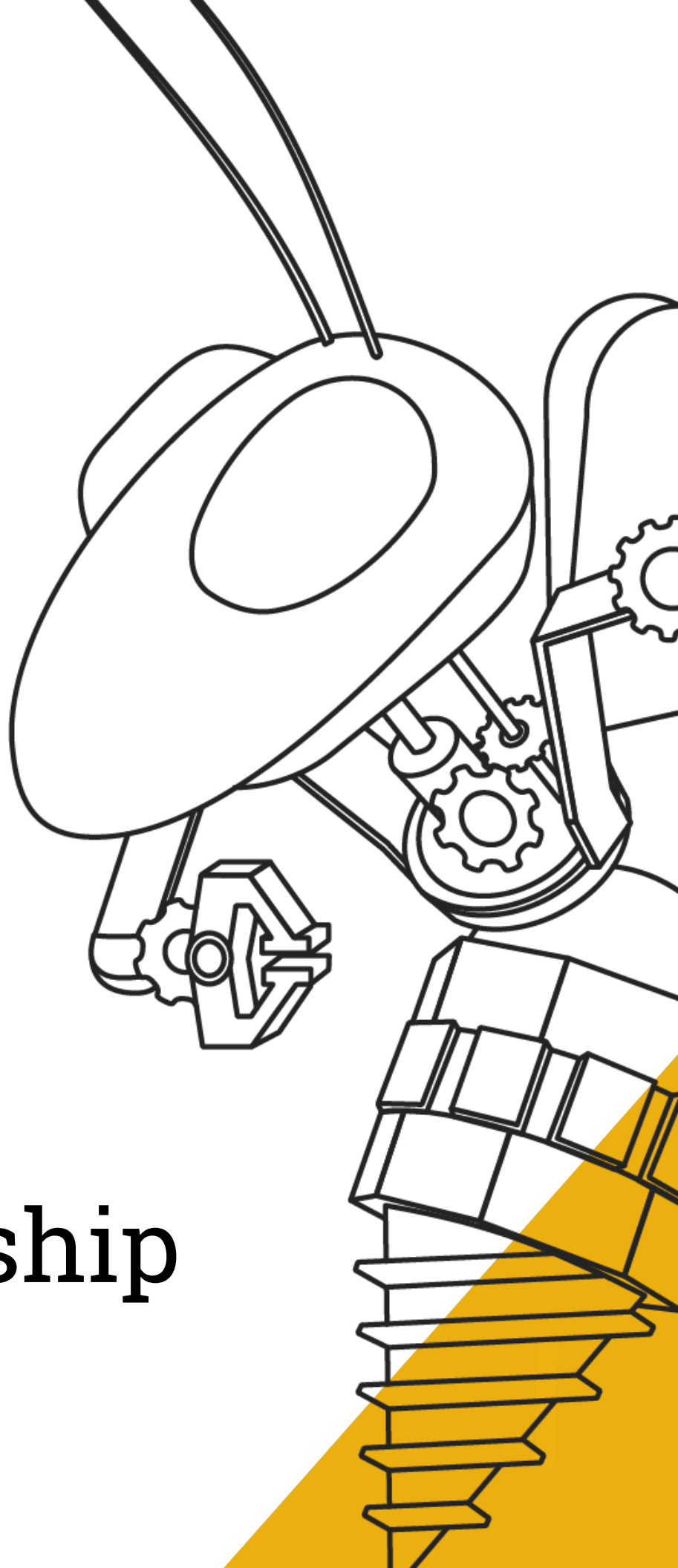


ROBOJACKETS
COMPETITIVE ROBOTICS AT GEORGIA TECH

Sponsorship Packet

2026 - 2027



We strive to **promote, educate, and advance** the field of robotics.

RoboJackets was founded in 1998 by one small group of students interested in combat robotics. Now, we have grown to over 400 students, faculty, and alumni actively contributing to our numerous robotics and research projects. Collaborating across several subject areas, our members work year-round to compete in national and international robotics challenges while supporting local STEM communities.

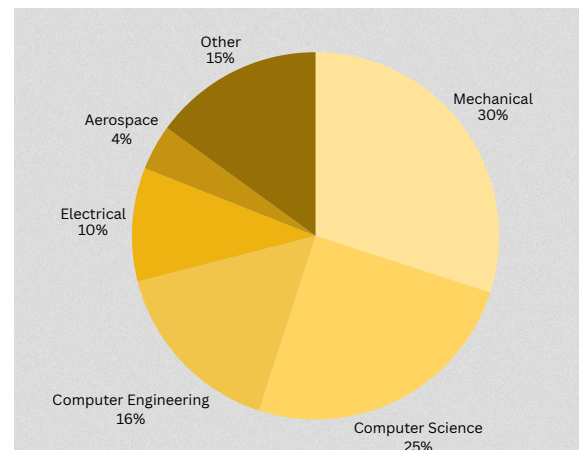
As an organization, we believe strongly in our mission statement: promote, educate, and advance. RoboJackets encourages its members to immerse themselves in the field of robotics through our multifaceted approach. By providing opportunities in leadership, design, prototyping, and manufacturing, students are better prepared when entering the industry. We strive to encourage the next generation of engineers through community involvement and to challenge technical boundaries worldwide.



3lb combat robotics teams composed of mentors and mentees compete at regional competition

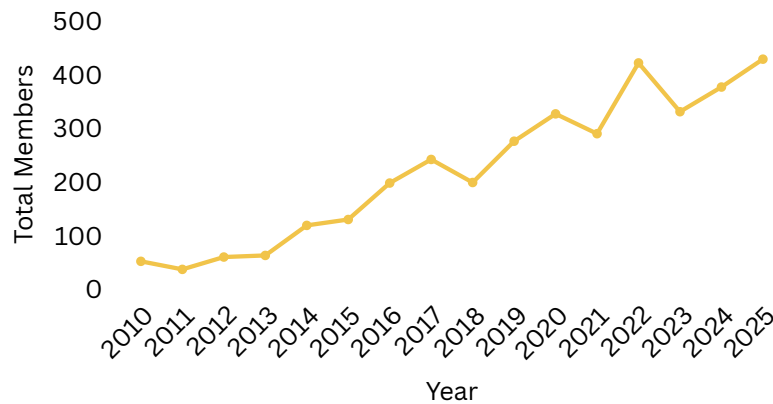


RoboNav's rover competing in the 2025 University Rover Challenge



Pursuing a variety of majors, students engage in rich interdisciplinary experiences to better prepare themselves for industry through both leadership and competitive robotics. The representation of students by major can be seen above.

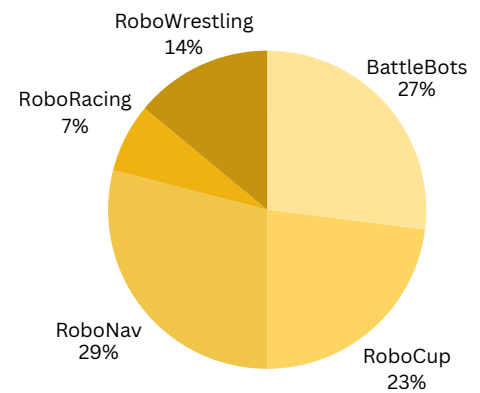
Take a look at RoboJackets by the numbers.



481 members

are divided amongst 5 teams, with BattleBots and RoboNav being the largest.

Since 2010, our membership has grown by **900%**. Now, RoboJackets is a thriving organization with five different competitive teams developing a wide range of robots.



Our members have the opportunity to compete their creations at both the national and international level. Here, they have the chance to bring their hard work to the global stage and engage with engineers all over the world.

We are home to **5 different competitive teams.**

BattleBots

The BattleBots team designs combat robots in various weight classes with the aim to destroy their opponents. The team focuses on mechanical design, manufacturing, and electronics.

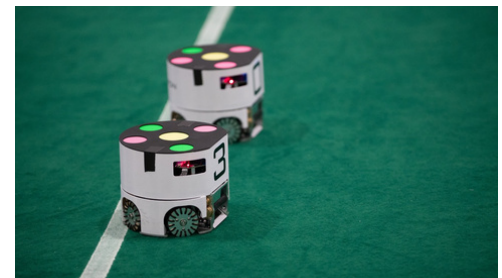
2nd Place at 2024 NHRL World Championship
4 World Championships-Qualifying Robots in past 2 Years



RoboCup

The RoboCup team competes in the Small Size League (SSL) of RoboCup, an autonomous robot soccer competition. The team focuses on artificial decision-making and multi-agent cooperation.

5th Place at the 2025 RoboCup SSL



RoboNav

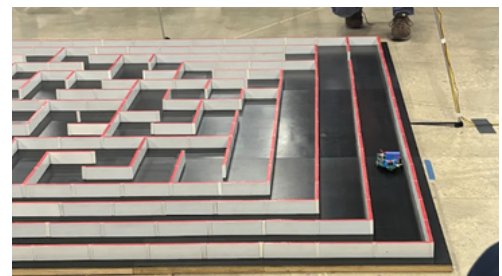
The RoboNav team competes in the International University Rover Challenge (URC) with a Mars rover and drone duo. The team focuses on dextrous manipulation, rough terrain traversal, scientific analysis, and path-planning.

Placed 34th at URC 2025



RoboRacing

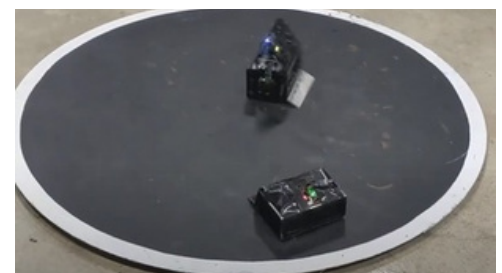
The RoboRacing team builds robots that navigate themselves at high speeds. Their main effort is Micromouse, a palm-sized device that autonomously maps and races through an unknown maze. They compete at APEC, the highest-level Micromouse competition in America.



RoboWrestling

The RoboWrestling team competes in the All Japan Robot Sumo Tournament (AJRST) as well as other premier robot sumo tournaments in Brazil & Romania. The team develops high-speed robots that autonomously push an opponent out of a ring in order to win the match.

Top 64 at AJRST 2025, Top 4 at Brazil 2026



Meet **our students**

collaborating on projects.

BattleBots



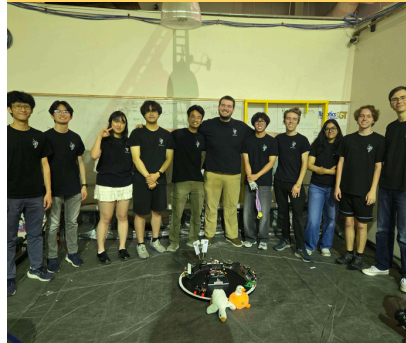
RoboNav



RoboCup



RoboWrestling



RoboRacing

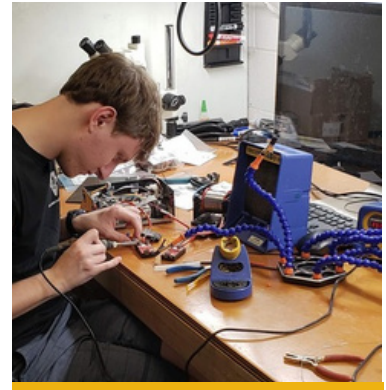


RoboJackets in Industry



Our members go through training to gain **valuable skills and experience.**

RoboJackets has multiple avenues to pass down knowledge to new members, with the most notable being our general training. This program uses a focused curriculum to give new members the skills they need to contribute to our teams. After training ends, our new members begin to tackle our projects and overcome real issues, with older members acting as mentors.



Throughout our members' time in RoboJackets, they apply various mechanical, electrical, and software skills and tools, which better prepare them to contribute to a professional environment. Current students boast the value of their experiences from RoboJackets when participating in internships.

RoboJackets has provided me with real-world engineering experience, beyond what I learned in the classroom. I credit the projects and training to helping me gain technical background I needed to succeed during my internships.

- Arvind Srinivasan, RoboCup

Mechanical



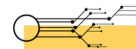
- Autodesk Inventor
- Part design
- CAM design
- Stress calculations
- Finite element analysis
- CNC machining
- Rapid prototyping and conventional machining:
 - Manual mills
 - Lathes
 - Waterjet
 - 3D printing

Software



- Specific tools and languages
 - C++
 - Python
 - GitHub
 - CircleCI
 - ROS/ROS2
- Sensor fusion
- SLAM
- Artificial intelligence
- Machine learning
- Multi-agent planning
- Computer vision

Electrical



- Microcontrollers and FPGAs
- Embedded systems firmware
- Autodesk EAGLE
- PCB design
- Board assembly
- Debugging using test equipment:
 - Oscilloscopes
 - Digital logic analyzers
 - Multimeters

Our members work with community organizations to **promote robotics.**



RoboJackets hosts the GeorgiaFIRST FRC Kickoff. This event is attended by over 1,200 students and features the annual game reveal along with mechanical, electrical, and software workshops.

As volunteers...

- We serve STEM communities in Georgia
- We serve over 1,000 hours across the organization
- We impact upwards of 4,000 high school students per year during competitions

As mentors...

- We offer design review assistance to high school students for competitions including FIRST Robotics
- We provide shop tours to inspire future generations and promote interest in STEM and robotics
- We table all over Georgia to connect with thousands of children and students

As leaders...

- We manage hundreds of students annually with over 35 student leaders across teams, outreach, and training
- We manage sponsorship relations and team budgets totaling upwards of \$250,000

"Mentorship has been a pillar during my four years here. Every year, we have a deep impact upon youth robotics. I'm thrilled to have been a part of that by putting my time toward not just my future but the future of others as well.

- Wallace Gray, BattleBots



RoboJackets gave me a place where I belong. I have made great friendships, developed new electrical skills, and learned to manage a team of over 40 people. RoboJackets is where I learned to combine engineering and leadership.

- Marine Maisonneuve, RoboCup



Any level of support makes an impact.

The generous support we receive from our sponsors enables us to empower local communities and push the boundaries of robotics. Our innovation and success would not be possible without our generous sponsors. RoboJackets uses sponsorships to build robots, send students to competitions, and provide resources to the K-12 robotics community. Monetary donations go through the Georgia Tech Foundation, making them tax deductible.



Tiers accumulate monetary and in-kind donation value each fiscal year (July-June):

Platinum \$17,500 +	Gold benefits and... • Opportunity to present at outreach events • Featured brand placement on all RoboJackets Platforms • Semesterly recruiting session w/ priority scheduling
Gold \$12,500 +	Silver benefits and... • Large logo on team shirts, banner, and robots • Opportunity to send targeted emails for recruitment • Partnership announcement on RJ LinkedIn and Instagram
Silver \$7,500 +	Bronze benefits and... • Medium logo on team shirts and banner, and robots • Annual recruiting session with the team • Included in annual LinkedIn post
Bronze \$2,500 +	Friend benefits and... • Access to resume book • Small logo on team shirts and banner
Friend \$250 +	• Logo on website • Newsletter with semesterly updates

If your company is interested in pursuing a partnership with RoboJackets, please contact us. We look forward to discussing opportunities for working with you during a tour of our shop space or a call with our leadership team!

Email: hello@robojackets.org | **Website:** robojackets.org

Our Sponsorship Menu

There are many ways to be a part of RoboJackets! We offer a variety of different options to support our needs while simultaneously promoting your brand. Please see below some specific opportunities to get involved with us!



Menu Items

- **3lb BattleBot**

Have a direct impact on our beginner BattleBots program. Sponsor a team of new engineers building their first BattleBot over the course of a year and compete it in the spring at UGA's Spring Smash.

\$500

- **Drone Development Program**

Support our aerial robotics efforts by sponsoring RoboNav's autonomous drone, which assists our rover in complex missions.

\$500

- **500g Robowrestling Bot**

Support Robowrestling's new members by sponsoring a 500g bot. This bot will be built by first-year engineers over the course of a year and compete at premiere robo sumo events in Romania and Brazil.

\$500

- **MicroMouse**

Support our Roboracing team by sponsoring a MicroMouse, a palm-sized device that competes to solve an unknown maze as fast as possible.

\$500

If your company is interested in sponsoring a specific project or would like to request detailed information, please contact us. We look forward to answering any questions you may have!

Email: hello@robojackets.org | **Website:** robojackets.org

Thank you to our current sponsors!

Platinum



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George W. Woodruff School
of Mechanical Engineering



Georgia Tech College of Computing



FOUNDATION

Gold



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Bronze



Rockwell
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