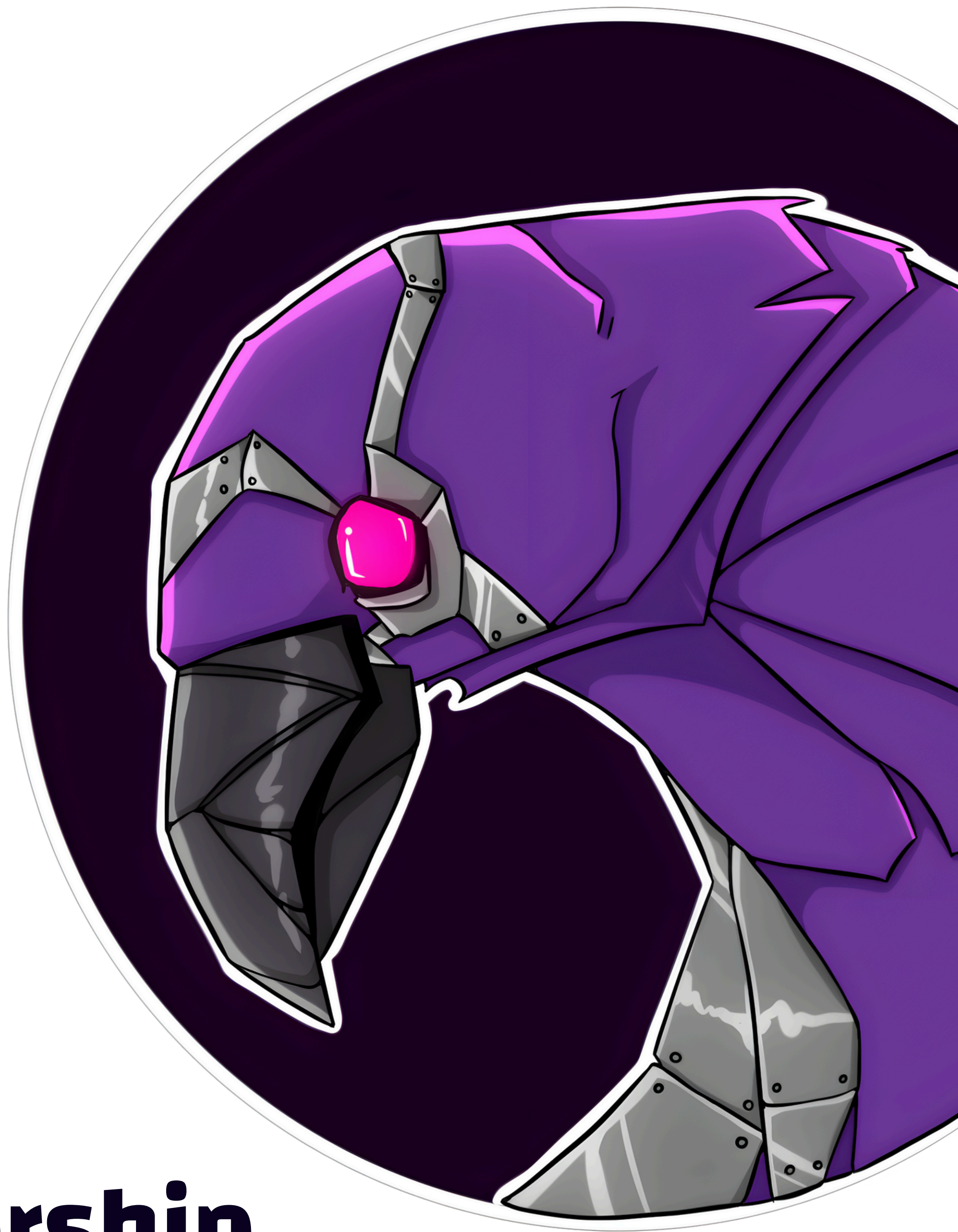


# CybeRavens

FTC TEAM # 26419



## Sponsorship

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## Packet

2024 - 2025





## Mission Statement

Our team's goal is to learn and develop key skills this season. In addition to furthering our own interests and passions, we want to give back to the community and inspire younger generations in getting interested in pursuing technology and innovation.

## Team Impact

This season we are planning to tackle more outreach events within our community. Our plan is to visit middle and elementary schools to inspire younger generations to get involved in the STEM fields. We want to demonstrate that no matter what age or gender, with hard work and dedication, they can do anything they put their minds to. We would like to mentor a younger robotics FLL team, present at steam expos, and community festivals.

## What is Team CybeRavens?

CybeRavens is an 10 member team working towards designing a robot that is competitive and capable of winning regionals and qualifying for the national competition. Working together throughout the season, we develop a multitude of hard and soft skills that prepare us for life beyond school. Our quest for knowledge and desire to grow in coding, the design process, presenting to others, set us apart from other teams.

## FTC Participation Benefits

Students who participate in FIRST Tech Challenge learn to think like engineers. Teams design, build, and program robots to compete against other teams. Robots are created using a reusable program that is driven by Android technology and can be programmed at various levels of Java programming. FIRST Tech Challenge has also helped students in developing interests in the STEM field, wanting to attend college, and developing both soft and hard skills. The results of that are 87% Express Interest in Attending College. 98% Problem Solving Skills Increase. 100% Teamwork Skills Increase.

## Why Sponsor Team CybeRavens

Team CybeRavens is a group of dedicated, open minded, and passionate students ready to go above and beyond to achieve their goals. We are interested in all the possibilities robotics can bring. This season we plan to implement odometry, a way to determine in real-time the location of our robot. Furthermore, we are implementing a vision system, and quicker slide system to give us a more competitive position within the competition.

**For More information Contact:** [cyberavensftc@gmail.com](mailto:cyberavensftc@gmail.com) (Team email) or [allysa.domensino@gmail.com](mailto:allysa.domensino@gmail.com) (Outreach Head)



## Sponsor Roles and Contributions

After reviewing past seasons and looking at the robots of top teams in the last few years, there are a few parts CybeRavens plans to implement this year. The first part is incorporating odometry, which is a way to detect the robot's position in real time leading to a more effective autonomous period. The second is a vision system that lets the robot detect objects, and third, is a better arm mechanisms that can reach higher and have multiple slides. To have the resources to accomplish these tasks, however, the team requires a bigger budget and sponsor support. There are multiple levels of sponsorships and ways your company can support CybeRavens this season.

### SEASON LONG BENEFITS

Sponsorship Level	Platinum \$1000+	Diamond \$500+	Gold \$100+	Patron \$10+
Company link and logo placed on every page of our team website	✓			
Company logo on our social media posts	✓			
Logo on our hoodies and team shirts	✓			
Custom sponsor plaque	✓	✓		
Recognition in the Team Safety Video	✓	✓		
Logo placed on our robot	✓	✓		
Company logo and link placed on a featured page of our website	✓	✓		
Receive the monthly newsletter	✓	✓	✓	
Featured in the monthly newsletter and on website	✓	✓	✓	
Sponsor logo is put on our sponsor page on the website	✓	✓	✓	
Logo is placed on our presentation and outreach boards	✓	✓	✓	
Receive team photo	✓	✓	✓	✓
Receive letter of thanks	✓	✓	✓	✓
Sponsor logo is posted on a group page of our website	✓	✓	✓	✓



## ESTIMATED SEASON 2024-25 TEAM BUDGET

After discussing goals for the upcoming season, we put together a preliminary budget sheet. The budget sheet for this season addresses where funds will be allocated. There are new changes the team would like to implement to be more competitive and efficient which contributed to the need for a higher budget this year.

### Total Expenses

\$3,590

### Estimated Income

\$4,000

### Ideal Balance

\$400

## Expenses

Description	Category	Estimated Cost
Robot Chassis Components	Mechanical	\$650
Arm Mechanism Components	Mechanical	\$540
Intake Mechanism Components	Mechanical	\$325
Extra Parts	Mechanical	\$300
3D printing Filament	Mechanical	\$225
Odometry Sensors	Software/Odometry	\$300
Vision Camera	Software/Vision	\$150
Shirts & Hoodies	Team Gear/Outreach	\$500
Outreach Expenses	Outreach	\$600

Total Expenses: \$3,590

## Income

Description	Estimated Income
Sponsorships	\$1,500
Fundraising	\$2,000
Donations	\$500