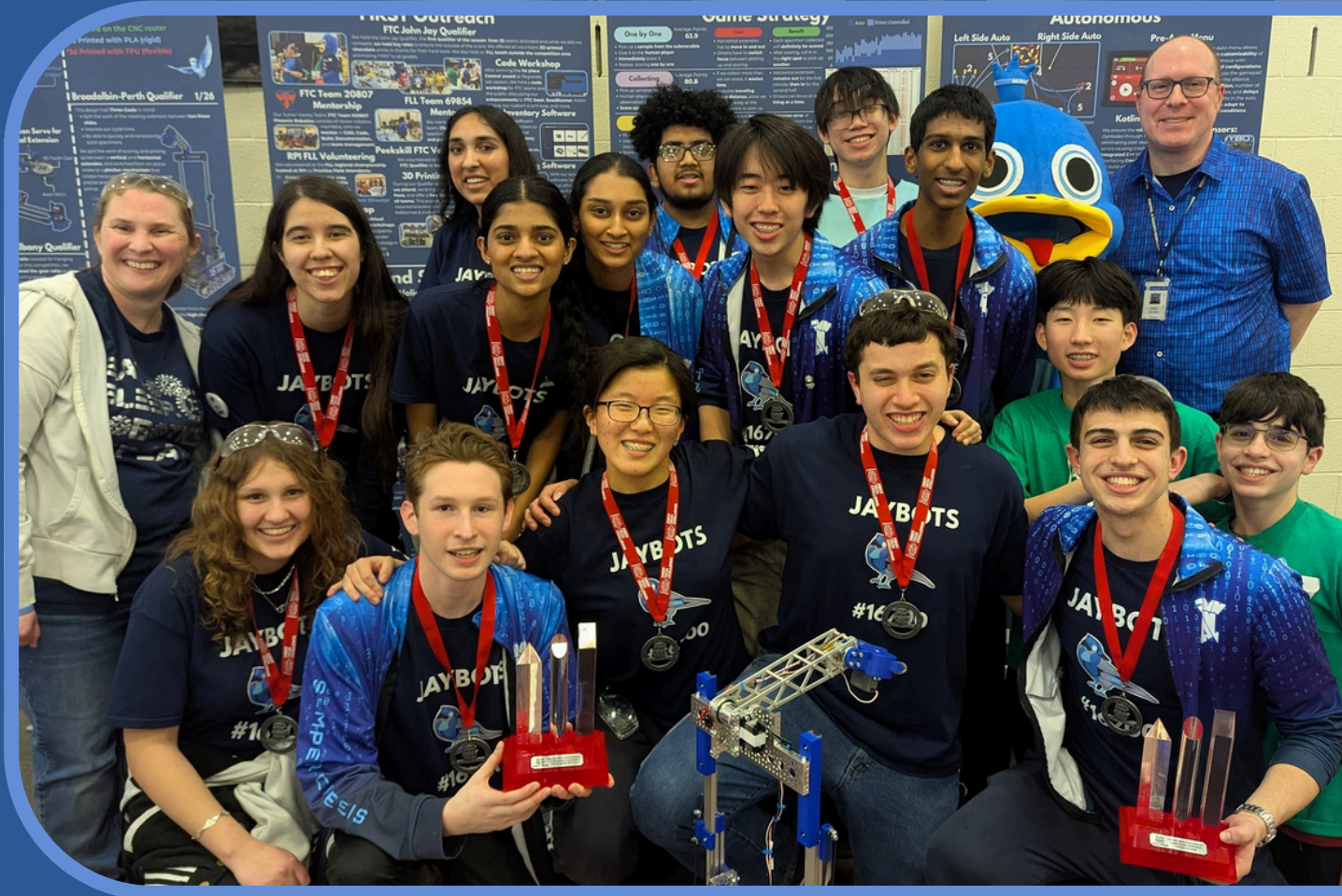


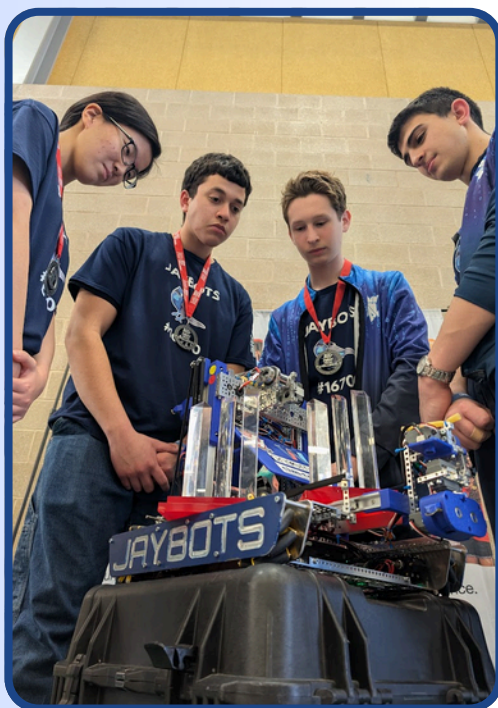
# JAYBOTS SPONSORSHIPS



HELP US FUND OUR TRIP TO COMPETE IN THE  
**WORLD**  
**CHAMPIONSHIP**  
OF ROBOTICS IN HOUSTON, TX

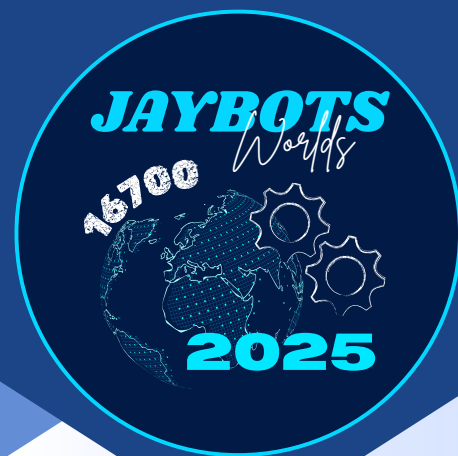
# About Us

Hi, we are the John Jay Robotics Team! Here at John Jay, we have the honor of hosting two FIRST Robotics Teams: our Varsity Team, the **Jaybots**, and our Junior Varsity team, the **Phoenixes**.



The Jaybots are in their sixth year competing in FTC. We just competed in our Regional Championship and we qualified for the **World Championship** in **Houston!**

To learn more about the **World Championship**, check out this link!





# Get to know us!

Here at John Jay Robotics, we are a group of very dedicated and hardworking students. With your company's help, we will be able to fund our visions and make them a reality. We have already made it so far, but we know we can go farther. With your help, we will be able to subsidize the expenses for our upcoming competition at the **World Championship** in **Houston, Texas** this **April**.

Our Varsity team is comprised of a very talented group of students who are elected as officers. Our Junior Varsity team is mostly comprised of creative freshmen who are exploring robotics.

In addition to competing, we also run a plethora of **community outreach** events, spreading STEM and robotics to students in our local area. This outreach includes workshops involving 3D printing and design, coding, AI, machine learning, LEGO robotics, and more.



# Our Outreach

Along with competing in each year's game, we give back to the community by holding numerous local **outreach events**, including, but not limited to:

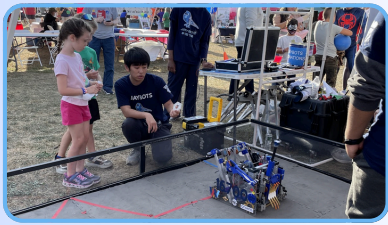
## Education Days: Dutchess Stadium

We went to both of our local baseball stadium's **education days** and taught over **10,000** students STEM. Students were able to drive our robot and learn **block coding**.



## Community Day

We ran a booth at the **East Fishkill Community Day**, where children **drove our robot and we sold glow sticks** to raise funds, earning us over \$300.



## 3D Printing Workshop

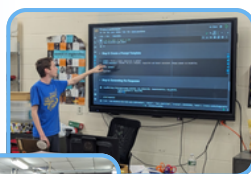
We ran a two-weekend **CAD workshop** covering **TinkerCAD**, **3D printing** basics, and **3D Pens**. After the **Huskey Robotics Invitational** in **Connecticut**, we added **3D Pens** to provide a more **hands-on experience**.



## AI Workshop

We taught students to use **Python** and **TensorFlow** to tune the **Ollama AI model**. They learned about **prompt engineering** and how the **parameters** affect the output.

Using this knowledge, students **tuned their models** with **custom prompts**, making a **unique AI**.



## Chocolate 3D Printing Workshops

We ran lessons for the **Interior Design** class, teaching them **OnShape** and printing their designs in chocolate.

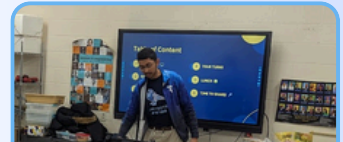


We taught **TinkerCAD**, showed off our **Chocolate 3D Printer**, and gave chocolate 3D printed gifts to **45+ students** from all around our area.



## Circuits Playground Express Workshop

We taught coding with **Adafruit Circuit Playgrounds**. Students used the **Arduino IDE** to **program lights and sounds**, learning **C++** and the basics of how circuit boards work.



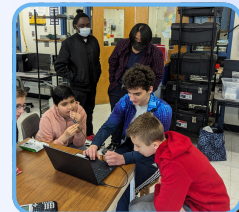
## Cub Scouts STEM

We taught the Cub Scouts about **simple machines** like **levers** through interactive activities and demonstrated our robot, helping them earn their **Nova STEM badge**.



## Machine Learning Workshop

We ran a Machine Learning workshop where we taught **AI algorithms** and trained a neural network using **TensorFlow**. We trained our model to recognize handwritten digits.



## NYSCATE

We presented at the **New York State Association for Computers and Technologies in Education**, showing our **Chocolate 3D Printer** to 30+ teachers.





# Timeframe of John Jay Robotics

## 2019

### Founding of the Jaybots

Mr. Amodio founded the robotics team in John Jay in the Spring of the 2018-2019 school year. We did not officially register as a team, but built a robot and participated in a scrimmage where we made it to the finals.

### Second Competitive Season

Despite this being only the second year as an official FIRST tech challenge team, we pushed through the COVID-19 pandemic to win **9 awards** in competition and advanced to the regional championship.



## 2020

### First Competitive Season

The Jaybots registered as a team in the FIRST tech challenge. We built up our skills and team dynamic during the Skystone game. We managed to win **3 awards** and gained a lot of experience.

## 2021

### Founding of the Junior Varsity Team

The Bluebirds Robotics team, today known as Phoenix Robotics, was founded as our second FTC Team #20807 and John Jay's Second Robotics Team, known as the Junior Varsity team. The Bluebirds advanced to the regional championship, along with the Jaybots and won **7 awards**

# Our Timeframe continued!

## 2022

In Powerplay we made it to regionals at our first competition! We also won **6 awards** including **1st place** inspire, **1st place** control and **1st place** motivate. We continue to innovate for success.



## 2023

For our 2023-2024 season we entered Centerstage with plenty of experience and mentors to drive it home to victory! We won **8 awards** which once again included first place inspire! We also became first pick **Winning Alliance partner** and again made it to the regional competition, where we won **1st place** control.

## 2024-2025

This year's **Into The Deep season** is our most complex and innovative one yet! We have connected with over **10 mentors** to create a really unique, effective, and efficient robot. We won a **1st place award at every qualifier** we've attended and advanced to Regionals with the first one. We earned the third place **Inspire Award** and were on the **Finalist Alliance** at Regionals, advancing us to the **World Championship** in **Houston**.

Currently, we:

- Are one of only **3 teams** in a region of **100+** to advance to Worlds
- Hold **6 of the top 25 matches** in NY
- Are in the **top 2.5% of teams worldwide** who are invited to the World Championship





## So How Can You Help Us?

As a robotics team, we are constantly improving our robot for the best result in **competitive matches** and looking for new ways to **spread STEM in our community**. Broken parts, registration fees, and transportation fees all take funds, and we need your support to continue to improve as a FIRST Robotics team. This season, we also need to raise an estimated minimum of **\$32,000** to afford our trip to the **World Championship**, and every little bit counts.

Having a larger pool of funds will help our team in lots of ways. We will put your donations towards:

- Transportation, hotels, and other fees for the **2025 World Championship**
- Robot parts & judging materials
- Organizing STEM activities for community outreach



If you are interested in helping us get to Worlds, do the best we can in competition, and continue to give back to our community, please consider sponsoring John Jay Robotics!

# Here's What We're Offering!

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- Your logo in our school's display's case in the Technology Wing
- Your logo in our team's workspace, may be featured in some pics!
- Social Media posts starring your company and our creativity
- Your logo on our website
- Your logo on special team uniforms made specially for the World Championships!
- Your logo on next year's uniform!
- Your logo on our Worlds Robot!
- Your logo on our banners at competitions



Check out our exclusive  
**World Championship**  
**Sponsor Tiers!**



[jaybotsboosters.org/sponsor](https://jaybotsboosters.org/sponsor)



# World Championship Sponsor Tiers!

	<b>Sapphire \$10,000+</b>	<b>Ruby \$5,000</b>	<b>Platinum \$2,000</b>	<b>Diamond \$1,000</b>	<b>Gold \$500</b>
Logo in school display case	✓	✓	✓	✓	✓
Logo in workspace background	✓	✓	✓	✓	✓
Displayed on front page of website	✓	✓	✓	✓	✓
Displayed on Sponsor Page	✓	✓	✓	✓	✓
Shared Social Media Post	2/Month	2/Month	2/Month	2/Month	1/Month
Individual Social Media Post	3 Posts	2 Posts	1 Post	✗	✗
Logo on next year's uniforms	3-4 inches	3-4 inches	3-4 inches	2-3 inches	2-3 inches
Logo on the special World Championship uniform	3-4 inches	3-4 inches	3-4 inches	2-3 inches	2-3 inches
Logo on banners	8-10 inches	6-8 inches	4-6 inches	3-4 inches	✗
Logo on robots	5-6 inches	4-5 inches	3-4 inches	2-3 inches	✗

Choose your plan today at [jaybotsboosters.org/sponsor](http://jaybotsboosters.org/sponsor)



# We Hope to See You Soon!

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We would love to have you as our sponsor.  
What are you waiting for? Get connected with  
us, and we look forward to hearing from you.

Sincerely,  
The John Jay Robotics Club

## Get connected!

 [jaybots.org](http://jaybots.org)

 @Jaybots #16700

 @johnjayroboticsclub

 @RoboticsJay

If you have any questions, don't hesitate to reach out to:

**Our Treasurer: Joe Lopez**  
([joe@jaybots.org](mailto:joe@jaybots.org))

**Our President: Nash Pillai**  
([nash@jaybots.org](mailto:nash@jaybots.org))

**Our Booster Club: Lakshmi Pillai**  
([contact@jaybotsboosters.org](mailto:contact@jaybotsboosters.org))

