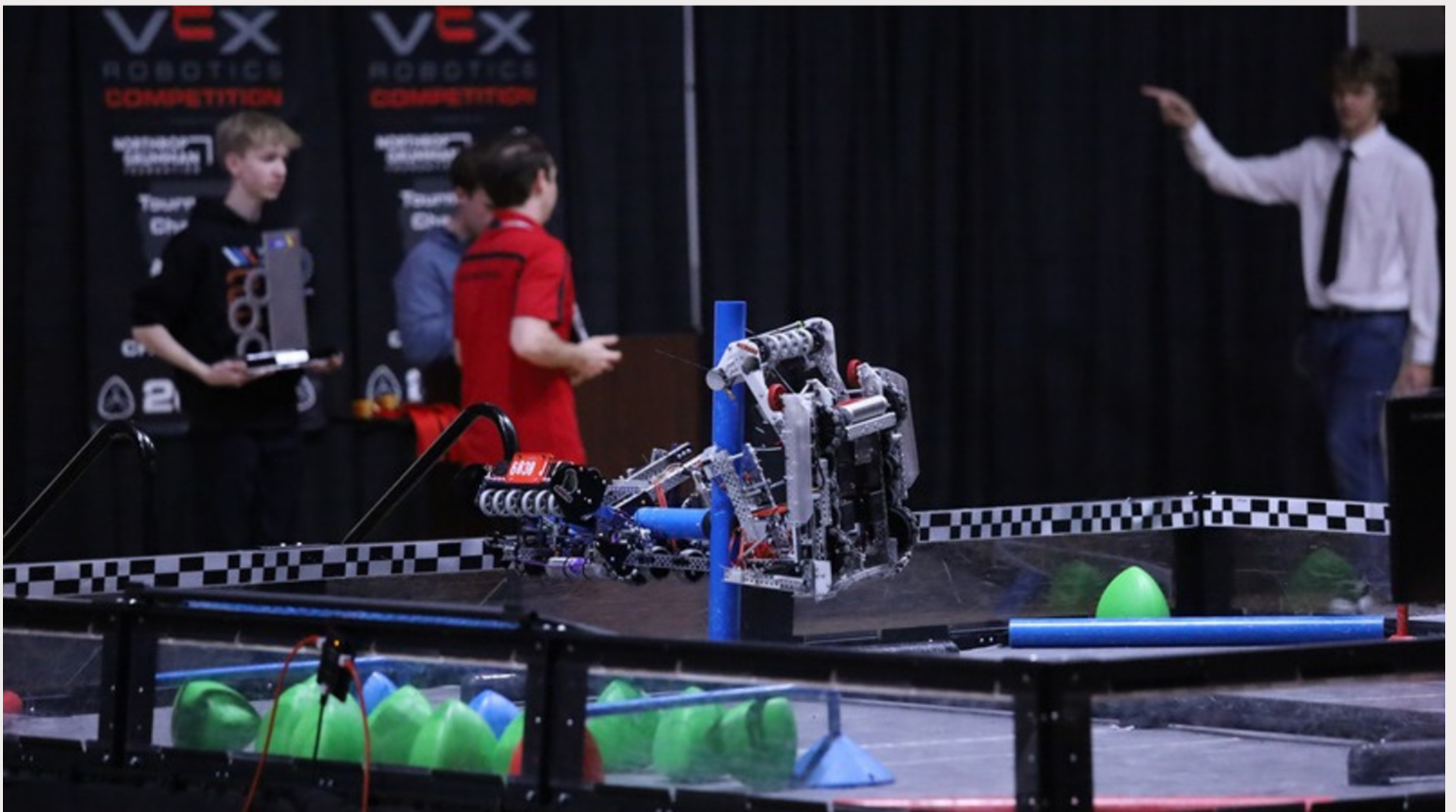




University  
High School

# VEX ROBOTICS



# SPONSORSHIP PROPOSAL

# ► Who We Are

We are the University High School (Tucson, AZ) VEX Robotics club—20 highly motivated students who design and build aluminum robots to compete against other teams at robotics competitions around the world. We meet after school for 2 hours twice a week to work on the robotics together throughout the school year. We welcome anyone interested in robotics and STEM to join our club. Our members come from all grade levels, ethnicities, genders, and many new members join each year.

Due to our large club size, we comprise 3 separate teams that each compete in the Vex Robotics Competition (VRC). VRC involves teams competing to design and build robots, continuously iterating to produce the best solution to a yearly challenge. Vex robotics has taught us numerous skills, including computer aided design, programming in C++, rapid prototyping, and especially the iterative design process. Although we were able to compete at a high level last year even with very limited financial support by the Tucson Unified School District, we could not purchase all the parts necessary for all 3 teams to stay competitive at high level competitions.



Our club members at University High School (2024)



# ► History

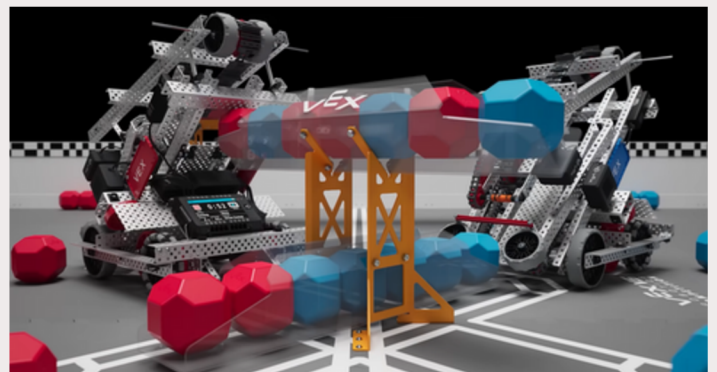
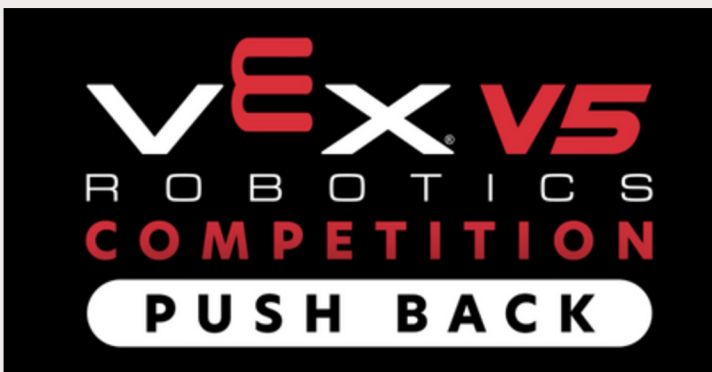
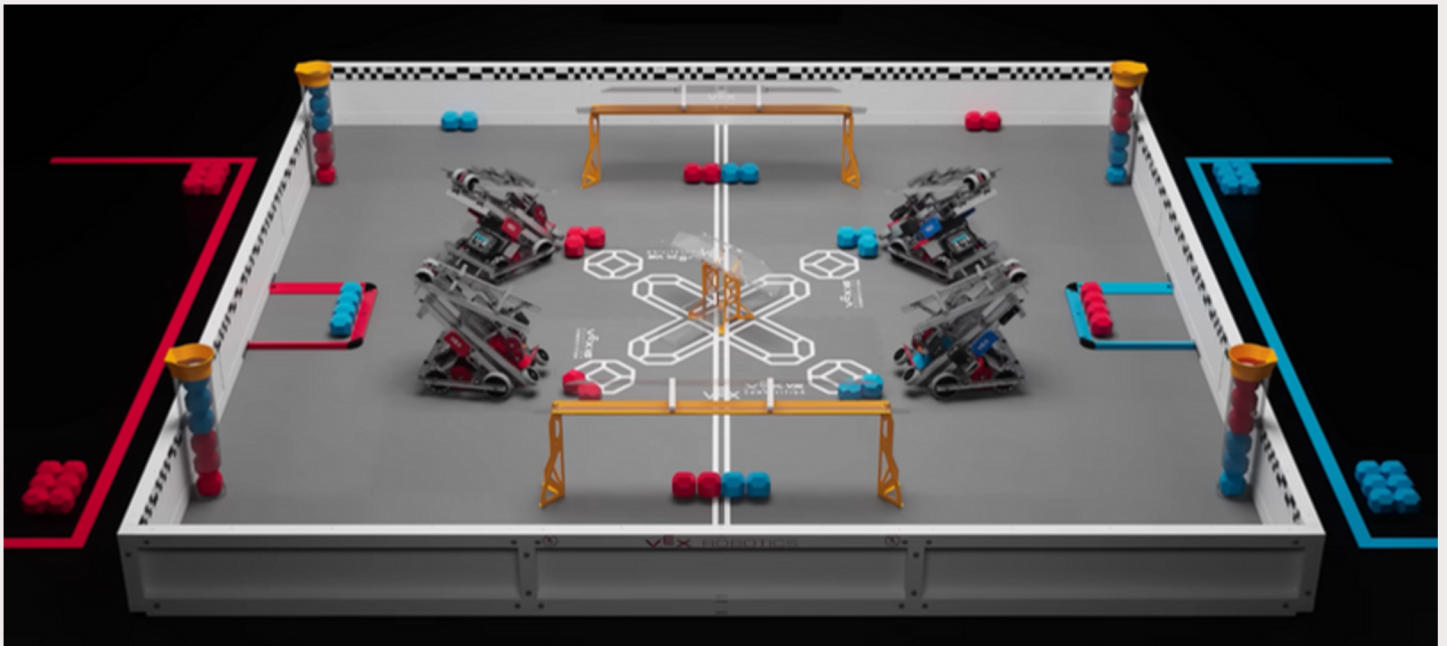


Team at the VEX World Championship in Dallas, TX (2024)

Our club has had over half a decade worth of experience, with many alumni from this club becoming engineers or majoring in engineering at top colleges in the US. University High School is ranked #92 in the entire nation with very rigorous courses, and we are home to many hardworking students with a bright future in STEM. Our teams have always performed very well at competitions even with limited funding - we have consistently qualified for the state competition, and we have even qualified to the world competition twice. Last year was our best year yet, with 2 teams qualifying to the state competition and 1 team even making it all the way to worlds. This year, we plan to come back stronger than ever in VEX's latest competition game: Push Back

# ► Competition

The Vex Robotics Competition consists of over 20,000 teams all throughout the world competing at local, regional, and world competitions. At competitions, robots are able to compete as a team with another robot, or run solo against the clock in robot skills competitions. Teams are able to earn awards at competitions to qualify for higher levels in many ways, such as performance awards based on the team's performance in match play, or through judged awards based on interviews with judges and the quality of a team's engineering notebook. We compete in 3 regional competitions each year in December and January to qualify for the state competition, which is held in Phoenix in March. From there, we have the chance of qualifying to the world competition in Dallas, Texas, which takes place annually in April. This year's theme—Push Back—involves robots picking up plastic rings to place on stakes, and elevating on the central tower.





# ► Budget

These are our predicted expenses for the 25-26 school year.

Category	Expense	Cost
Game	Push Back Field	\$530
Parts	Pneumatic Kit (x2)	\$600
Parts	V5 11w Smart Motors (x6)	\$282
Parts	V5 5.5w Smart Motors (x4)	\$124
Parts	Blue Motor Cartridge (x8)	\$96
Registration	Initial Team Registration	\$500
Registration	Regional and State Registration	\$925
Registration	World Registration	\$1800
	Total	\$4857

# ► Sponsorship

We would be open to any kind of support, such as financial support, fuel for our hungry engineers, T-shirts, or technical mentoring. This year, our primary needs consist of obtaining enough funding to buy the necessary parts and registration in order for the teams to be able to compete on an equal playing field against other teams. For instance, the motors and pneumatic parts are vital in order to be able to accomplish all tasks this year, with no alternatives possible. By sponsoring our team, you will be furthering the future generation of engineers and scientists, gain exposure to your business around the world, in addition to the benefits below. **Please contact us by email for more information regarding sponsorships.** We offer several tiers with varying benefits for your company. Here are examples of some businesses that sponsored us in previous years:

## Our Partners



**COMPETITIVE**  
ENGINEERING INC





# ► Tiers and Benefits

## **DIAMOND (\$600+)**

All gold tier benefits, plus:

- At your request, provide a tour of our club
- Be able to demonstrate our robot at corporate events in the Tucson area
- Send a personalized thank you gift from the whole team

## **GOLD (\$300 – \$600)**

All silver tier benefits, plus:

- Display your business at our pits during competitions
- Specialized social media posts for your business
- Feature your logo on our team website (coming soon)

## **SILVER (\$100 – \$300)**

Your logo will be attached to

- All team robots in a easily visible location
- The back of the team T-shirt
- Social media and other promotional materials

# ► Our Team



Louis Liu

President



Yedong Yu

Vice President



Royce Yao

Secretary



Juan Maddela

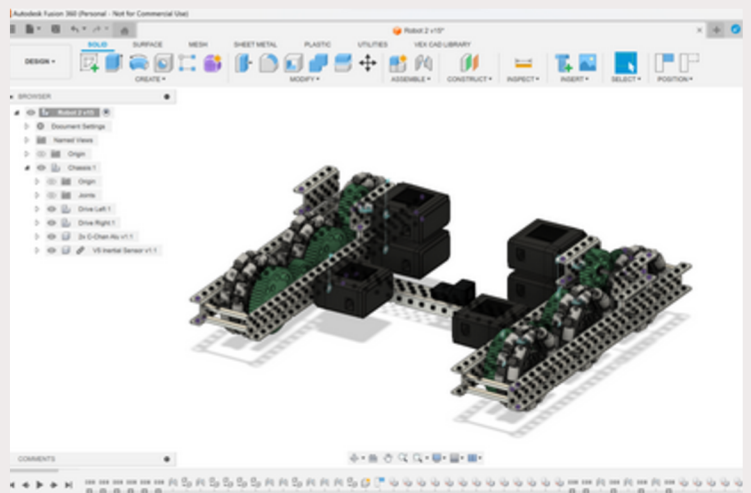
Treasurer



Club members in our engineering lab at University High School (2025)

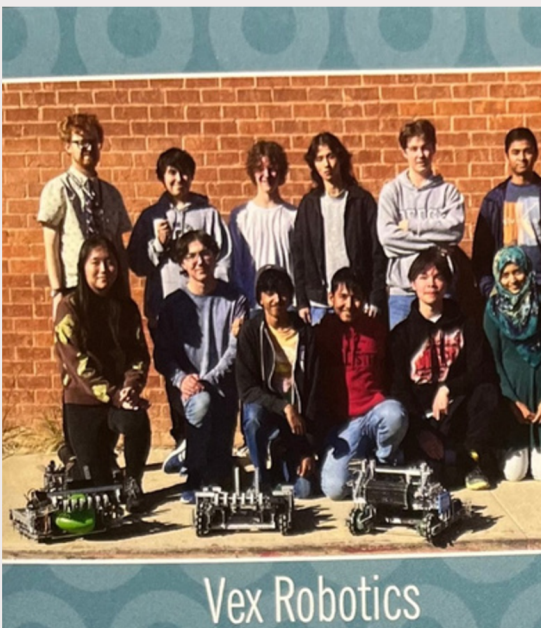
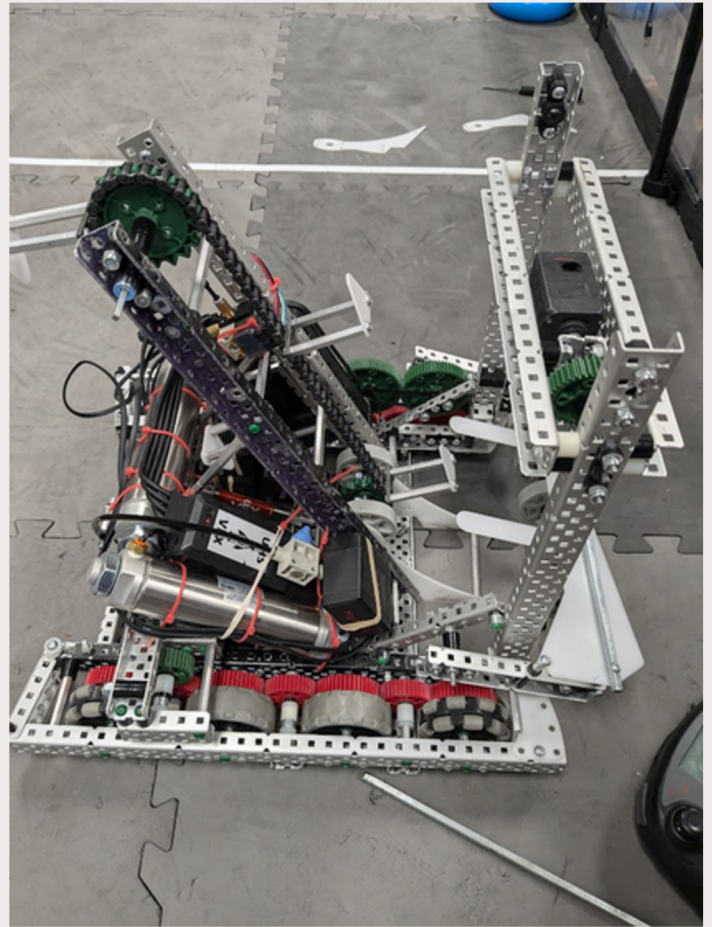
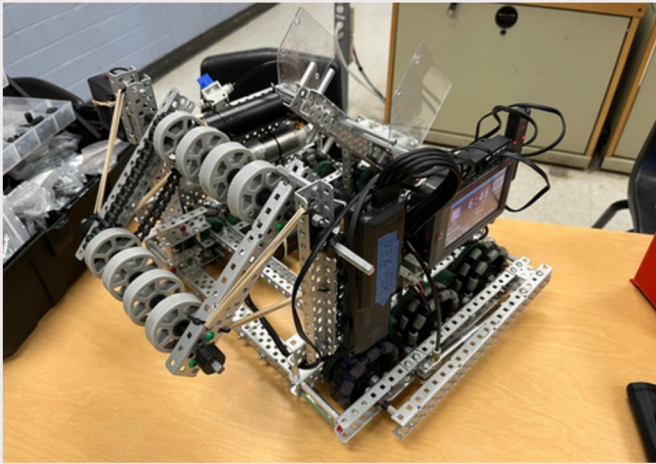


# ► Gallery





# ► Gallery Continued





# CONTACT US



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