



# G-House Pirates FRC Team 354

Last Revised April 18<sup>th</sup>, 2019

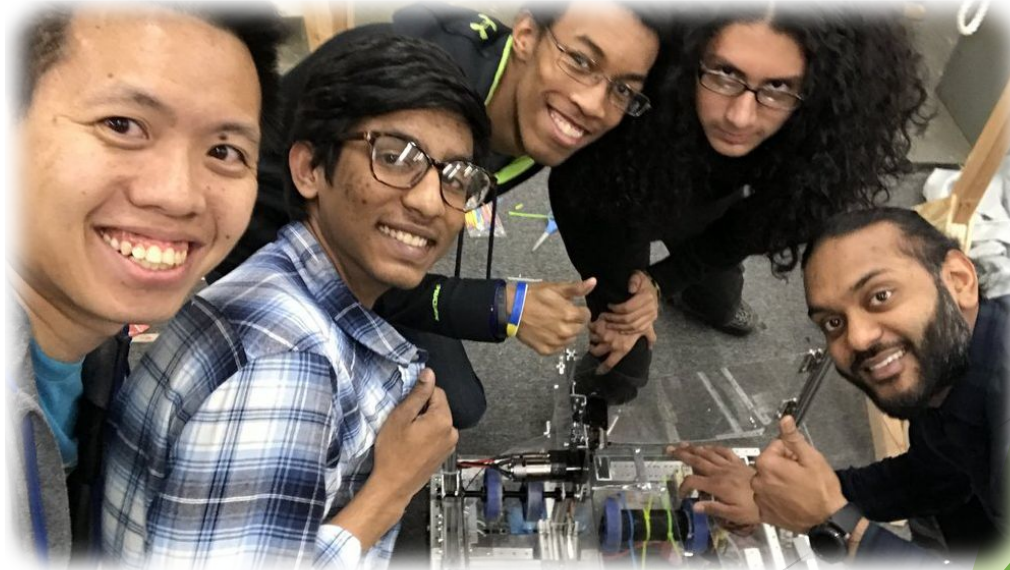


# FIRST Robotics at a Glance...

- ▶ **FIRST's (For Inspiration and Recognition of Science and Technology)** goal is to develop ways to inspire students in engineering and technology fields.
- ▶ Philosophy is expressed by the organization as **coopertition** and **gracious professionalism**.
- ▶ Founded by Dean Kamen and Woodie Flowers in 1989.
- ▶ 3128 teams with roughly 75,000 high school students and 19,000 mentors from 24 countries!!!
- ▶ **FIRST** gives away over **900 scholarships** every year to students.

- ▶ “**FIRST is more than robots.** The robots are a vehicle for students to learn important life skills. Kids often come in not knowing what to expect - of the program nor of themselves. They leave, even after the first season, with a **vision**, with **confidence**, and with a sense that **they can create their own future.**”

- ▶ Co-Founder Dean Kamen



# Gracious Professionalism

- ▶ **Knowledge, competition, and empathy**
  - ▶ Encourages **high-quality work** from students.
  - ▶ Emphasizes the **value** of others.
  - ▶ Teaches **respect** for individuals and the community.
- ▶ “Gracious professionals **learn** and **compete like crazy**, but treat one another with **respect** and **kindness** in the process.”
  - ▶ Co-Founder Woodie Flowers

# Cooperation

- ▶ **Cooperation** produces **innovation**.
  - ▶ Displaying **unqualified kindness** and **respect** in the face of fierce competition.
  - ▶ Teams can and should **help** and **cooperate** with each other even as they compete.
- ▶ **Team Mentality** will always produce better results!

# So Where Do Sponsors Come In?

We can't do this all on our own, we need sponsors like you!





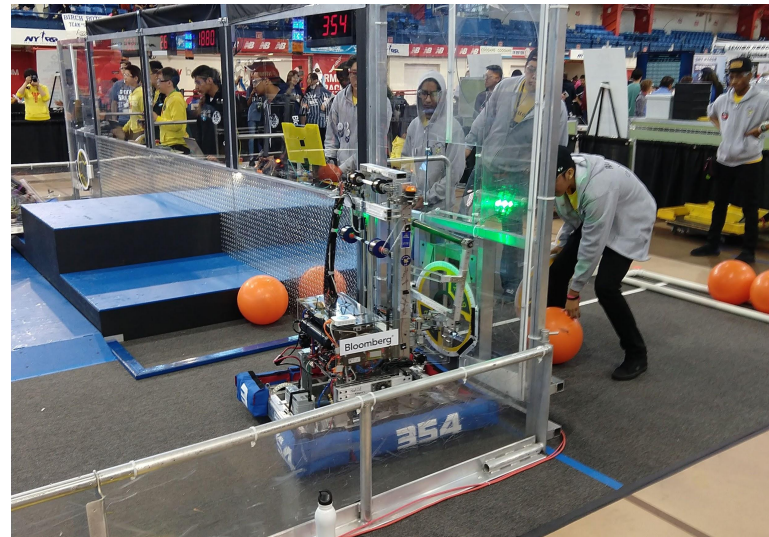
# A Yearly Competition

- ▶ Every year, *FIRST* releases a brand new **game** that every team will try to tackle and come up with a solution to!
- ▶ 2019's game was *FIRST Deep Space*, where teams competed to outpace their opponents to place *Hatch Panels & Cargo balls* into their appropriate areas



# It Takes A *LOT* to Build These Robots

- ▶ Besides eager students, each Robot takes a large amount of time and resources to build in the short *six week* build season.
  - ▶ Mentors
  - ▶ Tools & Hardware
  - ▶ Funding for Travel & Lodging
  - ▶ Materials



Our robot **Ms Calculated**



# We Need You!

- ▶ We need sponsors to help provide some of those resources.
  - ▶ Offsetting costs that the students and mentors have to cover allows **more students** of varying backgrounds to **participate** and have fun.
  - ▶ More tools & hardware equals more **learning experiences** and a more **competition team**.
  - ▶ Diverse mentors from **different backgrounds** gives students the **ability to learn** about many different topics, both STEM and non-STEM.
  - ▶ Transportation is *expensive*! **Attending competitions is fun**, but can only happen if we have funding for travel and lodging.
  - ▶ We can take advantage of new technologies and materials to build a better robot, such as **3D Printing** and **lighter, stronger metal alloys**.

# What Will You Get Back?

- ▶ We will advertise your business in different ways, pending on sponsorship level.
  - ▶ Logo and website link on our website
  - ▶ Logo on our team T-Shirt
  - ▶ Logo on our Pit Banner at competitions
- ▶ You get some of our team swag!
  - ▶ Team T-Shirt(s)
  - ▶ Team Pins
  - ▶ Robot Demonstrations, Presentations, or Events

# Thank you for your time!



## Contact Us Further

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