

2017-2018

**Sponsorship
Information
Packet**

Who Are We?

The Garfield Robotics club is a group of over 30 students from Seattle's Garfield High School participating in the **FIRST Tech Challenge (FTC)**, an international robotics competition. Due to a growing number of members, our program is now made up of two FTC Teams: Team 4042, Nonstandard Deviation, and Team 12788, Ultraviolet.

Our club has three missions:

- To teach our members leadership, teamwork, project management, public speaking and critical thinking skills through experience in a student led team environment.
- To educate our members about STEAM (science, technology, engineering, arts, and math) related subjects through participation in FIRST® Robotics programs.
- To increase interest about STEAM fields in our members and community.

Our Members Are Given Opportunities To:

- Design, build, program, and compete with a custom robot.
- Gain real world experience in programming, engineering design, marketing, and more.
- Develop skills such as leadership, teamwork, project management, public speaking and critical thinking.
- Use industry standard technology such as 3D printers, laser cutters, CAD software and CNC machines.
- Be eligible for over \$50M in college scholarships through participation in FIRST Robotics.

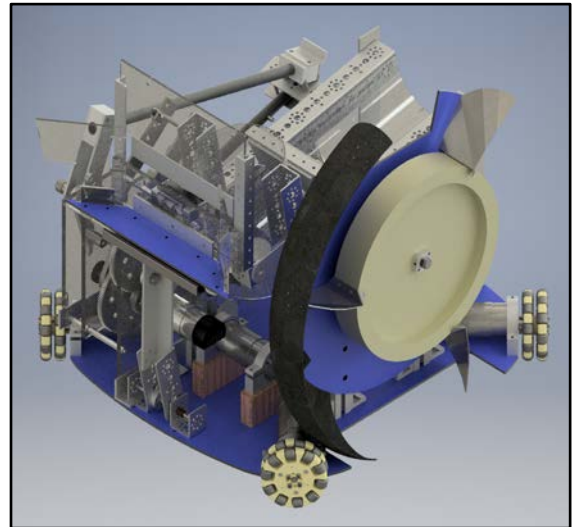
What Makes Us Unique?

We pride ourselves on our student-driven nature – almost all tasks on our teams are done by students, including teaching, which is done by our more experienced members. We have two adult mentors; however they only assist in tasks that require adult supervision or guidance. Alongside building a robot, our members are responsible for fundraising, teaching new members skills, and participating in events around our community to further the cause of FIRST and spread enthusiasm about STEM fields.

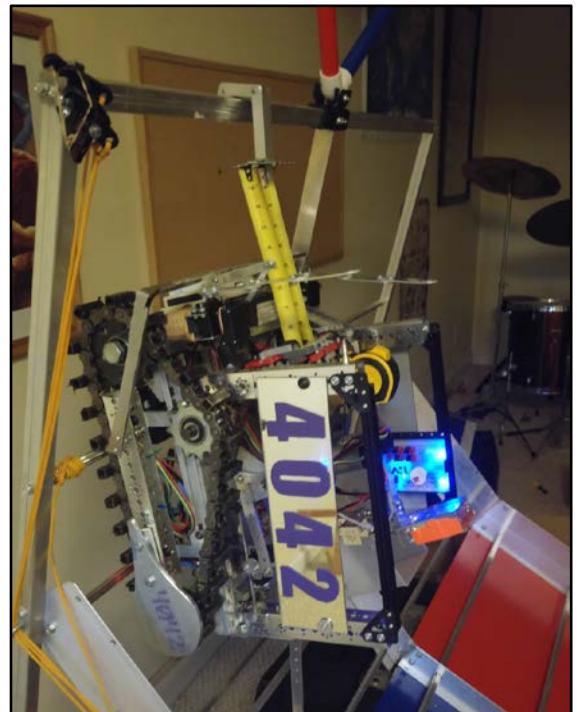
FTC Team 4042, Nonstandard Deviation (formerly Dawgbotics) is named after our tendency to deviate from the norm. We are well known for our **ambitious and innovative robot designs**. In the 2016-17 season, our robot featured a catapult mechanism that throws a yoga ball onto a goal, which was unique to our team out



Team 4042 members in competition



Computer model of our 2016-17 robot



Our 2015-16 robot hanging from a bar

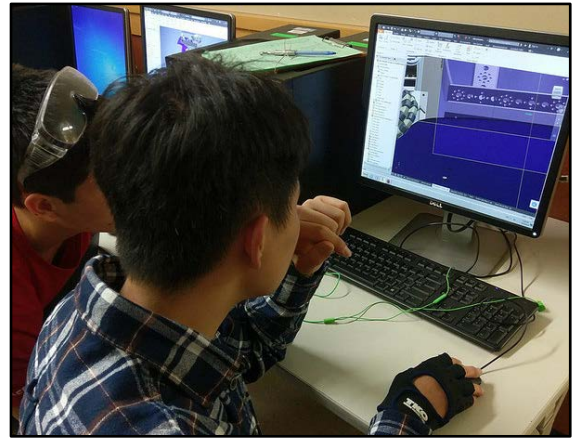
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of over 5,500 FTC teams. Previously, we have created other ambitious robot designs, including a robot utilizing custom made tank treads in 2015, and a circular robot capable of moving in any direction, affectionately nicknamed “The Roomba”.

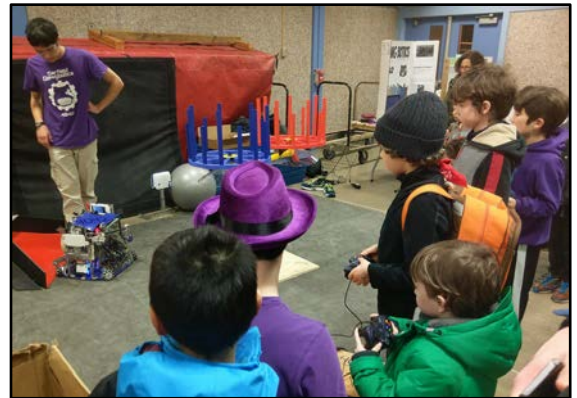
Our unique robot designs have paid off - our team has either won or been nominated for the **Rockwell Collins Innovate Award** three times in the past three seasons, for our original and effective design. This year, we were **ranked first in our league**, and went on to place second out of 33 teams in our interleague event! Unfortunately, despite our high ranking, we were narrowly beaten in the finals, and did not advance to state championships.

Community Outreach

One mission of our club is to not only increase interest in STEAM fields in our members, but to inspire the community around us as well. Every year, during our off-season, we participate in numerous outreach events around our community. These events include letting elementary and middle school students drive our robots, giving demonstrations at local businesses, and hosting workshops for other robotics students.



CAD team designing a robot



Demonstrating robots at an elementary school science fair



Team 4042 after a first-place win in a 2016 competition

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Sponsorship

The success of our robotics teams is dependent on the support we receive from our generous sponsors. Your donation will not only allow us to pay registration fees, material costs, and travel expenses, but will serve as a long-term investment in the next generation of engineers, scientists, programmers, and more.

This year, we have a fundraising goal of \$7,000, which will allow us to afford expenses such as registration fees, as well as purchase robot parts, materials, and tools. Additionally, if we qualify to attend the FTC World Championship held in Houston, this budget could increase to around \$21,000. For a more detailed breakdown of our annual budget, please see our 2017-18 anticipated budget at <https://goo.gl/rCSFKQ>.

As a way of expressing our sincere gratitude for your contribution, we offer several levels of benefits for our sponsors, including displaying a logo or name on our robot, T-shirts, social media, and more. In addition to monetary donations, we appreciate donations of products or services, such as tools, printing services, or materials, and will make sure they are properly recognized. All donations are tax deductible, as Washington FIRST Robotics is a 501(c)3 nonprofit corporation.

	Purple Sponsor \$1500+	Gold Sponsor \$1000+	Silver Sponsor \$500+	Bronze Sponsor \$250+	Iron Sponsor \$1+
Name announced alongside our team at competitions	✓				
Logo/name on robot	✓	✓			
Logo/name featured in videos & social media	✓	✓			
Logo/name displayed at competitions and events	Prominent	L	S		
Recognition Plaque	✓	✓	✓		
Logo/name on back of team T-shirts	Prominent	L	S	Name	
Logo/name on website	✓	✓	✓	✓	Name
Thank you letter	✓	✓	✓	✓	✓

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To Donate

- **By Credit Card** - Please visit the **FIRST Washington donation form** (<http://firstwa.org>, click on donate) and follow the instructions to make a donation.
 - Please make sure to include our team number (**FTC 4042**) and direct the gift to **FIRST Tech Challenge (FTC)**.
- **By Check:** You can also make a donation by check, sending it directly to FIRST Washington (address below), **adding “FTC 4042” in the memo field**, and making it payable to FIRST Washington.
 - Send checks to: 21268 68th Avenue South Kent, WA 98032
- **After donating, please complete our donation verification form** (<https://goo.gl/JqLMZ4>), which helps us keep track of every donor.

Washington FIRST Robotics is a 501(c)3 non-profit, EIN: 45-2443839

Contact Us

If you would like more information about our robotics program, please contact us or view our website at garfieldrobotics.com.

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