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# Vulcan Robotics Team 8375

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## Who We Are

Vulcan Robotics is an eleven student robotics team based in San Mateo, California with tax-deductible **non-profit 501(c)(3) status**. We compete in the FIRST Tech Challenge (FTC), a worldwide competition in which high school students build robots to compete in a new game challenge each year. Unlike most teams that compete in FTC, Vulcan Robotics is committed to allowing students to run every aspect of the team and we have been **fully student-run with no directly involved mentors** in our illustrious 9-year history. This allows our members to learn and grow in many different areas including design, building, and programming the robot, as well as giving back to the community and reaching out to companies, like yours, to acquire sponsorships. In our decorated 9 year history, we have been to our regional championship (NorCal) every single year and have qualified for the **world championship on 3 separate occasions!** In our past season, we had consecutively ranked highly throughout all our competitions and in the NorCal regional championship, were division semifinalists.

## Outreach

As a team, we strive to have a positive and strong community impact. In our past years, we have **started and mentored numerous local FLL teams** at local schools including Baywood Elementary School and Bowditch Middle School, providing conceptual aid and mentoring the students without directly touching designs. In addition, we have also expanded upon our outreach to both technical and non-technical communities last season. We have begun reaching out to the younger members of our local community through engineering workshops at libraries, where we taught them the **core values that lie behind engineering** and our personal design philosophies through a combination of hands-on activities and presentations. We have also carried on our annual tradition of hosting a fundraising livestream for the benefit of Girls Who Code. We raised \$800+ last year and \$625 this year in support of their cause to bridge the gender gap in STEM. In previous seasons, we have also worked closely with the San Mateo Event center to volunteer and showcase our team at events – this season is no exception! We have twice volunteered at the Foodieland Night Market, giving back to our community through many hours of service and labor.

In addition, we are very active on social media, with a team presence on platforms such as Youtube, Facebook, Instagram, Twitter, and our own team website (<http://vulcanrobotics.org/>). In this season alone we have accumulated **15,000+ views** on our Youtube channel, reaching audiences from **Saudi Arabia to Russia**.



## Funding

We successfully raised \$6,500 last season, and our projected costs for the 2022-2023 season is also **\$5,500: \$4,500 for the robot and \$1,000 for registration**. If we raise more than \$5,500, we will use the additional money to buy new machines and tools for use in fabricating custom parts, and in turn, improving our team's footprint in the FTC community.

## Sponsoring Vulcan

Because Vulcan Robotics is not affiliated with a local school or social group, **we rely entirely on corporate support** for funding and services. A successful season depends on generous contributions that grant us the tools and mechanical components we need in order to model, prototype, and test our designs, as well as allow coverage for event registration costs.

Vulcan Robotics shows our appreciation to all of our supporters by displaying their logos on our website, social media, YouTube videos, T-shirts, and the robots we take to the competition fields. Additionally, for donations of \$1000 or more, **we will add a sponsored message** of your choice next to the company logo on the website, and the sponsoring organization will be distinguished in our videos as a presenting sponsor. We will also send you a signed team T-shirt, stickers, as well as student designed 3d printed keychains as thanks for this incredibly substantial contribution!

For service and goods sponsorships, all donations are equal in the value of the service or good. Therefore **service and goods sponsorships are similarly tax-deductible**.

To donate, please write a check payable to Vulcan Robotics Team 8375 and mail it to **131 28th Ave, San Mateo 94403**. If you have any questions or need additional information, please contact us at [vulcanroboticsteam@gmail.com](mailto:vulcanroboticsteam@gmail.com).

Thank you for your time and consideration. We hope we can count on your support.

Sincerely,  
Vulcan Robotics, FTC Team 8375

Soham Patil	Leia Pei
Alan Su	Eric Zhang
Christina Li	Andrew Qin



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