

FRC TEAM 3501: FREMONT HIGH FIREBOTS



2014-2015
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TEAM MEMBERS

Mechanical

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Electrical

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Software

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Taha Quraishi
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Student Leads

CEO:	Sitar Harel	
Vice Presidents:	Annam Quraishi Daniel Zhang Harel Dor John Lin	Logan Howard Kenny Nguyen Rajat Walia Rishab Kedia

Mentors

Lead Mentors:	Sohini Stone	David Dobervich
Mentors:	Jason Barbeau Sean Stone Pushpak Bapat Lenore Edman Max Lanfranconi Albert "Al" Howard Aparna Bhargava Susan Howard Sriram Sundararajan Ashwin Kannan Ann Gui	Marveric Sanidad Daniel Watson Windell Oskay Harsh Deshmane Jay Harel Ravi Ichapurapu Hersh Bhargava Riley Howard Madhuri Ramanathan Priya Prasad Clayton Ou
Junior Mentors:	Johnny Nguyen	Allen Chan

Sponsors

Platinum Level	Google Neonode The Howard Family	FXPAL FUHSD Foundation
Gold Level	Qualcomm Brin-Wojcicki Foundation IGeneX, Inc. GoEngineer Linked-In Roboterra	Lockheed Martin Solidworks Evil Mad Scientist Intuitive Surgical Splunk

A YEAR OF ROBOTICS

This year the Firebots have transitioned from a competition - focused team to a year round team with a training season, build season, competition season, and outreach season to highlight all of their core values of: education, community development, and teamwork.

During the training season, members train in and develop valuable life skills that they may apply later on in life.

During the build season, members learn teamwork and project management skills and apply the skills they learned in the training season.

During the outreach season, members connect with the community and educate the local area about robotics and its critical value in students' education.



OUR MISSION

We are dedicated to fostering a passion for science and technology within our community through participation in annual internationally recognized robotics challenges and several community outreach events each year. By acting as a medium for high school students to explore possible careers in engineering and science, we are able to have a significant impact on our school as well as the community.

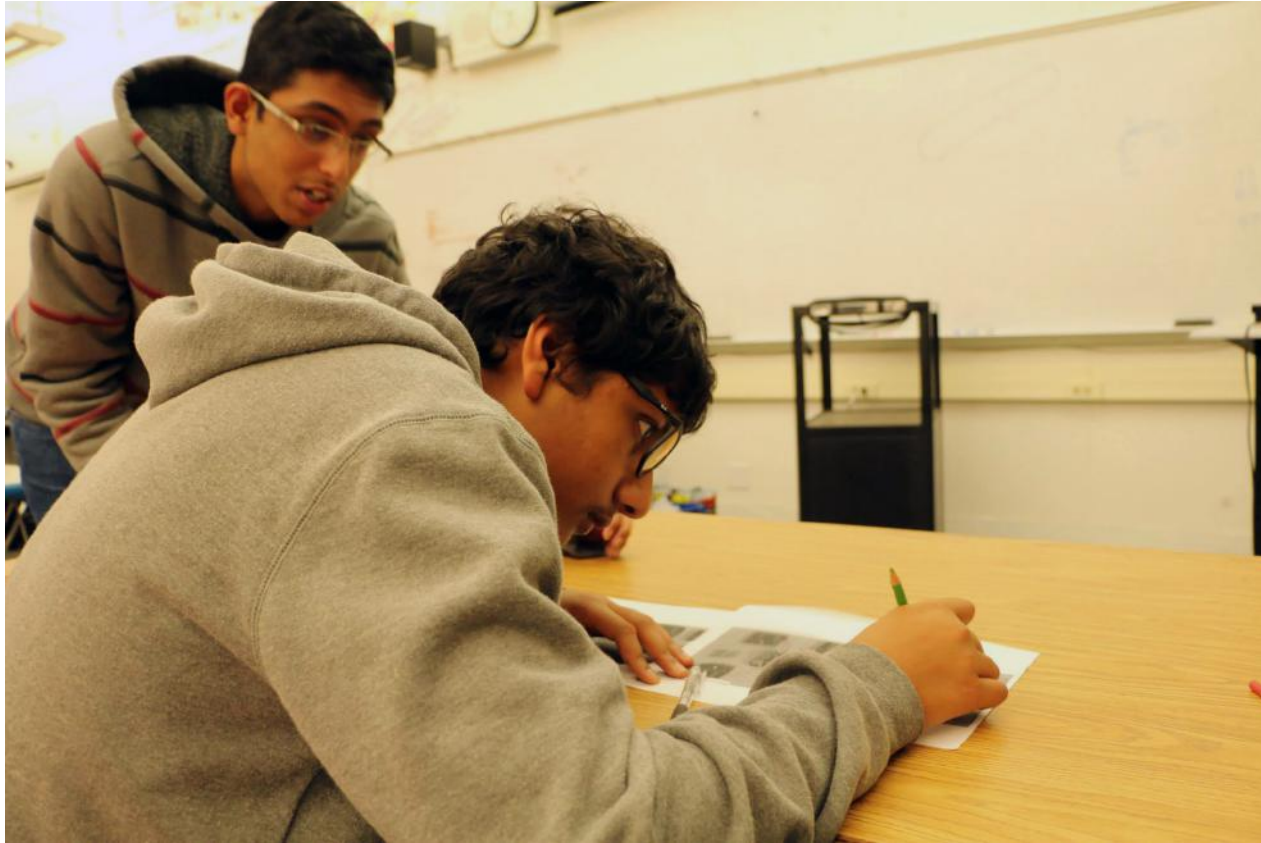
Over the past few months, the Fremont Firebots have participated in a variety of events within our local area, focusing on spreading inspiration and education within our community. These events are listed below:

Outreach Season Calendar 2014

7 July	Silicon Valley S.T.E.A.M. Festival
14 July	RoboNanza at Intuitive Surgical
30 July	Sunnyvale Downtown Music Series Fundraiser
15 August	CCLC Preschool Visit
7 September	Sunnyvale Historical Society Visit
4 October	WRRF CalGames 2014
25 October	Sunnyvale Public Library Visit



TRAINING SEASON



Over the past six months, students have been training hard for preparation for the upcoming build season. Both rookies, excited to pick up valuable building skills, and veterans, working on mastering the skills they've acquired, worked together biweekly in meetings in the robotics rooms. With the amount of instruction our members have received, our team will have the capacity to build a quality robot this year.

Testimonials

"It forced me to learn a lot more things. It's useful for new people and me, it forces you to be productive and work. And sometimes it's fun."

-Evan Yap, 10th Grade

"It was fun, education, and helpful. Thank you everybody who helped and for making it possible!"

-Sofia Revina, 9th Grade

"I spent my entire day at Robotics and then I went home to do homework. But I like it because Robotics. I don't think that's grammatically correct..."

-Mani Movva, 10th Grade