



# Team Inspiration

## April Newsletter 2023

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### RoboSub



The [RoboSub 2023 Competition](#) venue and tasks have been announced! We are excited for the competition to return to San Diego's NIWC Pacific TRANSDEC. We are overhauling our software architecture to implement our lessons learned from RobotX and previous RoboSub seasons. The team has achieved around 10 hours of water testing since January.

### FIRST Tech Challenge



Team Inspiration competed at San Diego's Regional level FIRST Tech challenge. We are proud to announce that our youth mentor, Ashiria Goel, received a Qualcomm Scholar scholarship. Thank you FIRST and Qualcomm!

To make the most of the off-season time, the team is meeting to reflect on the previous season and plan for the upcoming season.

### Recognition



The AI Racing Tech Team is proud to have finished this season as the top all-American team, following an outstanding 3rd place finish at CES.tech competition and a 2nd place finish at the Texas Motor Speedway competition. Special shout out to coach Jack, professor at UCSD and coach of team Inspiration, and to the Triton.ai team members who contributed to the success of the team!



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### RobotX 2022

With the official scoring having been released, team Inspiration is immensely proud to announce our placements. Competing at the collegiate level competition with 20 international teams, we are proud to have received 1st place for technical presentation, 1st place for team video, 2nd place for design documentation, 3rd place for technical paper,, 3rd place for our website, and special recognition for logistics compliance. Overall, team Inspiration placed 5th, positioning us as 1st among the 9 rookie teams, 2nd among all teams from the United States, and in the top half among the veteran teams. We also hold pride in being the only team to compete at the collegiate level competition with college, middle, and primarily high school students.

We would like to thank all the teams who collaborated with us, all our sponsors, and all our mentors who made our RobotX journey and success possible. This could not have been done without the support and guidance we received!

Listed below are the 20 teams (in order of ranking) who competed at the RobotX 2022 competition. We would like to acknowledge all the teams from whom we were able to learn a lot!

1. Embry-Riddle Aeronautical University
2. National University of Singapore
3. National Yang Ming Chiao Tung University
4. University of Sydney
5. Advancing Science, Technology, and Art (Team Inspiration)
6. Lake Superior State University/Queensland University of Technology
7. Flinders University
8. University of Newcastle
9. Georgia Institute of Technology
10. Pontificia Universidad Católica de Chile
11. University of Florida
12. Florida Atlantic University
13. James Cook University
14. University of South Australia / Student Robotics Club of SA, Inc.
15. Istanbul Technical University
16. Pontificia Universidad Católica de Perú
17. The University of Queensland
18. George Mason University
19. Nanyang Technological University
20. Osaka Prefecture University



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### SWENext



Team Inspiration's SWENext chapter, WE STEM, is looking for speakers. Our webinar series aims to showcase to students the potential of STEM, from industry to academia applications. We look forward to learning from two upcoming guest speakers:

- Mansi Goel, Ex-Google Executive
- Alan Willett, Co-owner, Exceptional Difference LLC

### Sponsor Highlight

*Kenautics* founder Alan Kenny visited our team to talk about the projects his company is working on and gave us a design review of our new RoboSub. Please contact us if you would like to talk to the team about your personal or professional projects or if you would like to become a mentor!

A sponsor provided a generous \$10,000 donation to support our team and further facilitate our robotics journey. We respect our sponsor's request and are therefore keeping the name of the sponsor anonymous. With the money we fundraise, we are able to compete in competitions like RoboSub and RobotX and support team members to join us as well.

### Team Highlight

To celebrate the National Volunteer Appreciation Week, April 16-22, Team Inspiration's Coach Alex is highlighted in the [San Diego Business Journal](#), along with other leaders, for his volunteering efforts.

### Upcoming Events

- ★ Northrop Grumman robotics training outreach on May 7th
- ★ Assist UCSD COSMOS class
- ★ USD STEAM academy outreach for underserved communities
- ★ Fleet Science Center outreach
- ★ Robotics training at Manna's Summer Camp on August 2nd
- ★ International teaching through FIRST Global, May to September
- ★ Team open house on the last Sunday of every month