# Dhruv Iyer

## Robotics

Founding president of FRC team #5465 recruited by Si Se Puede Foundation CEO; won Rookie All Star Award and competed in 2015 World Championships.

## Research

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|---|---|
| 2013 | Mathematics; Modeling Negotiations using Rock, Paper, Scissors |
| 2014 | Electrical Engineering; MEMS-based computer interface for the disabled |
| 2015 | Software Engineering; Computer Vision computer interface for the disabled |
| 2016 | Computational Biology; Analyzing Gene Regulatory Networks for Drug Targets |
| 2016 | Computational Biology; Evaluating Context-Specificity of Gene Regulatory Networks |

## Chief Science Officer

Promote STEM awareness in my school, community, and state; Invited to White House Summit on Next Generation High Schools; Paneling session on Capitol Hill and Office of Science and Technology Policy; Consultant for National rollout of CSO program; Invited to White House twice

## Entrepreneurship

Cofounder of Allbeat, a music discovery app enabling users to find new artists through 11-second soundbites (allbeat.co); Incubated at MIT Launch; Invited to SXSW 2016/2017 and CES 2017

## Volunteering

Lead mentor for the robotics program at the Si Se Puede Foundation, an organization working to promote STEM interest in at-risk youth; Helped mentor over 80 4th-6th grade students; Been volunteering for 5 years

## Selected Awards

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|---|---|
| National JSHS | 3-time finalist, 1st place winner in Engineering (2015) |
| Broadcom MASTERS | 1 of 30 finalists selected nationwide for Broadcom's Science Competition; met President Obama in Oval Office |

## Other Important Activities

- MIT Launch
- Helios Scholars At TGen