

Aditya Bagga

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Education

- Cupertino High School

Leadership and Experience

Founder of Novable

2017 - Present

- Founded non-profit organization to spread knowledge about technology to the community using a youth to youth network
- Held 4 camps lasting 5 sessions each to reach a total of 80 kids in 3 cities
- Novable.org

Secretary at a Bay Area Toastmasters Gavel Club

2016 - 2019

- 2 term VP of Public Relations Officer and 3 term Secretary
- Organized Events such as Open Houses and Speaking Contests
 - Helped Organize 6 week Youth Leadership Program
- Revamped Club with new activities and google services to improve club efficiency

Speech and Debater on Local Circuit

2017 - Present

- Experienced Lincoln Douglas Debater
- Experienced Extemporaneous and Impromptu Speaker
- Won prominent awards and received winning recorders at multiple tournaments
 - Berkeley Invitational, Santa Clara Invitational, Junior Varsity Championships

Leader of Multi-Platform Robotics Team

2014 - Present

- Participated in a wide variety of robotics competitions
 - First Lego League, World Robotics Olympiad, VEX Robotics
- 4 Years of experience in software and hardware for robot development

Active Volunteer in Community Activities

2016 - Present

- Volunteered for multiple events and programs across the city
 - Over 40 hours spent in CUSD Robotics mentoring
- Helped teach electronics camps in afterschool's and community centers
- Started Novable, a Non-Profit organization to teach technology concepts through the Arduino Platforms

Created Automated Feeding Robot for the Disabled

2016 - Present

- 4-joint robotic arm to feed food on a plate
- Uses object detection to identify location and dimensions of food
 - Worked with the raspberry pi to use python and computer vision libraries
- Implemented kinematic equations to control arm movement
- bluestampengineering.com/student-projects/aditya-b/

Awards and Recognitions

- 6th in the 2017 World Robotic Olympiad United States Nationals
- Champions Award in the 2016 First Lego League Qualifying Tournament
- Best Speaker at Multiple District Toastmaster Speaking Competitions
- Octo-finalist at Santa Clara Invitational and JV Championships
 - Top Speaker
- 3rd Place in 2019 Middle School State Championships in Extemporaneous Speaking
- Winning Records at Stephen Stewart Invitational and Panther Fun Invitational