

Anish Krishnan

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Education

Monta Vista High School

Cupertino, CA

Sophomore

Expected Graduation Date: June 2017

Relevant Courses:

GPA: 4.16 (weighted)

AP Chemistry,

AP Calculus BC

Achievements

Science Fairs

- 1st year (8th Grade): 1st place at Synopsis, Semifinalist (Top 300 Nationwide) in Broadcom MASTERS National Science Fair
 - **Project:** Extending the Mileage of an Electric Car
 - **Description:** I installed generators in the free spinning wheel of a car using a smart gear train to take advantage of the kinetic energy without increasing the torque needed by the engine. I charged a second battery with the energy produced by the energy. This model was made on a Lego® NXT. I was able to slightly increase the mileage of the car.
- 2nd year (9th Grade): 1st place at Synopsis, Eligible for California State Science Fair
 - **Project:** Extending the Mileage of an Electric Car
 - **Description:** I installed five propellers to the front grill of a car to generate energy from the wind. I made a smart flip flop circuit using three 1F 6.3 V capacitors and a 555 Timer to trickle charge a battery. I was able to extend the mileage of a Honda Accord 2005 by 3 Miles.

Second Degree Black Belt in Karate

Competitive Swimmer in DACA and played Waterpolo