Deetya Iyer

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Self-driven student demonstrating a strong work ethic, along with technical and creative ability. Seeking to apply skills in the fields of science, technology, engineering, and mathematics to further the goals of an organization and the community.

Education

Carmel High School, Carmel IN | GPA: 4.3 out of 5.0 (weighted)   **2018 - 2020**
○   Key coursework: AP Chemistry, AP Statistics, AP Seminar, Robotics Design and Innovation, IB Spanish 5

Columbus North High School, Columbus IN | GPA: 4.0 out of 4.0 (unweighted)   **2016 - 2018**
○   Key coursework: AP Physics 1 (Score - 5), AP Computer Science A (Score - 5), AP Calculus BC (Score - 5), Introduction to Engineering Design, Principles of Engineering

Experience

FIRST (For Inspiration and Recognition of Science and Technology) Robotics   **2016 - present**
○   Member of programming & electrical subteam, core design team, and pit crew for team 868, the TechHOUNDS.
○   Leader of programming & electrical subteam for team 4926, GalacTech.

Air Force Association's CyberPatriot competition   **2018 - present**
○   Member of Carmel High School's National Youth Cyber Defense Competition team, making it to the nationwide semifinals through fixing vulnerabilities in virtual computers and networks.

Harvard Pre-College Program   **2018**
○   Explored the basis of groundbreaking research performed at high-energy particle accelerators like CERN and Fermilab through Fundamentals of Particle Physics course.

Community Involvement   **2016 - present**

○   Planned and volunteered at Codefest and Hour of Code events in Carmel, IN, to promote computer science among elementary schoolers.
○   Active member of Carmel High School's Code for Change club, providing free software development for not-for-profit and government organizations.
○   Organized activities for STEM camps targeting K-5th graders from a variety of socioeconomic backgrounds at Foundation for Youth, Columbus, IN.
○   Mentored teams at All Girls FIRST Lego League Challenge, volunteered at FIRST Robotics Competition (FRC) State Championship, demonstrated robots at elementary schools.
○   Volunteered weekly as a Big Sister to 5th grade girl at Schmitt Elementary School in Columbus, IN, through local Big Brothers Big Sisters program.
○   Led planning of and volunteered at STEM Summer Camp for elementary schoolers in Columbus, IN, through school's Science Olympiad team.
○   Organized star party event at alma mater elementary school to expand understanding of astronomy and fundraise for educational activities.
○   Served as Homework Buddy in after-school club at Cornerstone Autism Center in Columbus, IN, assisting therapists and participating in games and activities.

Awards and Recognitions

○   Dean's List Award semifinalist in FIRST Robotics season 2017-2018.
○   Awarded Design and Design Process Prize for Solar Car Sprint in October 2015.
○   Led simulated company to design Mars colony at NASA's Mars Trekker Global Teen Summit (MTGTS) in June 2015. Recognized with Leadership Award after presenting to a panel of judges.