Deetya Iyer

14524 Baldwin Ln, Carmel, IN, 46032 | (812) 343 9268 | deetya.iyer@gmail.com

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, art 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 (Score - 5), AP Statistics (Score - 5), AP Seminar (Score - 4), Robotics Design and Innovation, IB Spanish 5 (AP Spanish Language Score - 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**
- Lead of programming & electrical subteam, served as a technician in the drive team for two seasons and member of pit crew for Team 868, TechHOUNDS.
- Leader of programming & electrical subteam for team 4926, GalacTech.

Air Force Association's CyberPatriot competition   **2018 - 2019**
- 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.

Code for Change   **2018-2019**
- President of Carmel High School's Code for Change nonprofit, providing free software development for other nonprofits and government organizations.

Hour of Code   **2018-2019**
- Planned and volunteered at Codefest and Hour of Code events in Carmel, IN, to promote computer science among elementary schoolers.

Code Ninjas - Code Sensei   **2018-2019**
- Support students learning coding basics through game design/development. Led app development camp for 12 kids. Specialist for pilot junior curriculum.

Music and Bach to Rock   **2018-2019**
- 2x ISSMA regional gold medalist for solo piano.
- Unpaid monthly performances at local businesses with band. Perform covers and arrange music.

Community Involvement   **2016 - present**
- Organized robotics camp for children of residents at Coburn Place Safe Haven in Indianapolis.
- Organized STEM activities targeting K-5th graders from varied socioeconomic backgrounds at Foundation for Youth, Columbus, IN.
- Mentored teams at All Girls FIRST Lego League Challenge, volunteered at FIRST Robotics Competitions, 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 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.

Awards and Recognitions
- Top Scholar award for Carmel High School Class of 2020
- Dean's List Award semifinalist in FIRST Robotics season 2017-2018.
- National Merit Scholarship Semifinalist, 2019-2020
- Third place winner of Congressional App Challenge 2019 - IN 5th Congressional District