

Submitted by Maryland State Department of Education

Shreya Santhanagopalan, a Mount Hebron High School senior, is an example for all students - illustrated not only by her academic performance, but also by her involvement in activities well beyond the classroom and school. A calm, upbeat young woman, Shreya is never frazzled, even with her extensive, exemplary involvement. Diligent, ambitious, and responsible, Shreya says her greatest strength is her motivation. This means she is motivated to showcase the knowledge she has learned in school by taking time to engage in many competitions outside of school. When faced with any disappointment, Shreya surmises, "I genuinely believe that learning from failure is the key to my success." She believes in taking her failures and turning them into motivation to become a better version of herself.



Well respected by both faculty and peers, Shreya's academic fitness is evident through her course selection in high school including 11 AP courses, and nothing lower than an A on her transcript. For her efforts, she is ranked fourth (weighted) and first (unweighted) in her highly competitive graduating class. Upon graduation, Shreya will earn a certificate of completion for the Project Lead the Way Engineering Career Academy Program. This academy is a four-year program of sequential courses designed specifically to introduce students to the scope, rigor

and discipline of engineering prior to entering college.

Trying to summarize the breadth of her experiences would not do justice to her list of accomplishments. Her activities which include, but are not limited to the following, all relate to her love of engineering. Locally, Shreya started an organization called WEngineer in which she designed and implemented an engaging STEM curriculum to promote interest in engineering to local middle school students. She took responsibility in organizing meetings with principals and other teachers along with my team. On a national level, Shreya and a peer were the winners of the 2018 National Project Lead the Way Engineering Design Competition, traveling to San Antonio, TX to collect a monetary prize for her school's PLTW program. Shreya and her team have designed the award-winning Safe Haven App, which crowdsources users to provide temporary relief to people who have lost their homes due to a natural disaster. Finally, Shreya entered a global competition with their design of the Safe Haven App. Her team placed first at the Regional pitch and made it to the Semifinals for the global competition. She has won over fourteen 1st, 2nd, and 3rd place awards at local, national, and international competitions, an exceptional accomplishment.

Shreya is incredible and incredibly well-rounded as shown by her involvement in multiple Honor Societies, Physics Olympiad, Engineering and Business Clubs, and multiple athletic teams. Among her future pursuits, Shreya is interested in studying computer science and engineering at Georgia Tech in the Fall, eventually pursuing a PhD.