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Throughout high school I have been extremely passionate and involved in engineering. I am the Vice President of Girls in STEM which introduces, and encourages young girls to pursue a career in STEM fields. We travel around to middle schools in town and do fun STEM related projects to get girls interested while boosting their confidence and teaching them different science and engineering problem solving skills. In addition, I have been involved in NASA HUNCH where I fabricated a Pin Kit to hold small components and testing cables for the use of astronauts on the International Space Station. I was selected out of multitudes of high school students throughout the nation to go to the Johnson Space Center in Texas to present my innovations to NASA astronauts and engineers. I am very grateful for that experience and cannot wait to see if my ideas will fly through space in years to come! Finally, I am apart of an organization called Go Baby Go which innovates toy ride on cars for small children who struggle with mobility. Our overall goal is to assist families that can not afford the outrageous cost of a wheelchair, so their child can continue to grow with their peers by encouraging them to sit up and push buttons to move around on their own.

My passion for engineering has driven me to get out of my comfort zone and make a much larger impact than I could have ever imagined. I want to be able to touch as many people I can with my passion and skills to make their lives better if in any way possible. I love seeing the look on someone's face when you tell them you can design and build them

something they desperately need but can not afford like a toy car for their child to utilize as a wheelchair. The large impact that engineering design skills can have on someone's life is what is driving me to pursue an engineering degree in the future. I intend on going to MSU to receive a degree in Environmental Engineering with a Minor in Building Energy Systems so I can make an impact on the environment by advocating and innovating sustainable energy options around the world. After graduation, I hope to find a job that allows me to design, or implement renewable energy options on a large scale. I aspire to help create new ways to generate energy through natural resources as well as encourage more people to start using sustainable energy as opposed to fossil fuels that are harming the earth. I am driven from my past experiences through engineering and can not wait to innovate and advocate for sustainable energy resources to create a cleaner earth and save families tremendous amounts of money.