Through VEX Robotics I was able to open the gate into the competitive world of engineering. When my best friend and I founded a VEX robotics team in my sophomore year of high school, we were absolutely filled with excitement. Robotics is an extremely valuable outlet for my creativity.

With a plethora of available parts and design options, VEX Robotics allows for rapid revolutions through the brainstorming and prototyping cycle. If I come up with an idea in the middle of physics class, I can drive right down to our robotics garage after school and build a mechanism in a matter of hours.

Over the past three years of expanding our robotics team we overcame challenges and came up with hundreds of design ideas. Our cumulative engineering notebook continued over the past three years now explodes out of a four inch binder. With each season bringing on a new competition and game challenge, I can constantly exercise my creativity to think of innovative robot designs and strategies.

Today, I carry around a small notebook with me all day long for jotting down my sudden bursts of ideas and sketching out any designs that come to my mind throughout the day. VEX Robotics has certainly allowed me to continually exercise my brain for new ideas and my experience in leading my team and tackling challenges each year has solidified my desire to become a mechanical engineer in the future.