

1. Write in no more than 100 words about your engineering background. (what classes you have taken, what topics you found most interesting in engineering)

The bulk of my engineering background stems from my experience on a competitive VEX robotics team in high school, where I competed at the world-championship level for four years, attaining a global team ranking consistently in the top 30 teams out of over 10,000 worldwide. I have taken a wide variety of mechanical engineering and technical courses, ranging from propulsion systems to data structures. The most interesting topics I find are those in which practical applications are numerous and clear.

2. Write in no more than 100 words about your career goals (what kind of job you envision yourself doing once you complete your degree)

I want to focus my career on the intersection of design, prototyping, testing, and implementation. My career plans after I graduate are to work in automation or manufacturing engineering. I had a summer internship at RBC Bearings in Torrington CT which I thoroughly enjoyed. This experience was most impactful because of the authority and freedom I was given to propose and pursue my own projects that improve manufacturing processes. I want to avoid designing in a vacuum, or in an environment where the scope of the whole project is obscured, because of company policy, or scale.