***How will opportunities at Purdue support your interests, both in and out of the classroom? (Respond in 100 words or fewer.)\****

I’ve always followed the advancement made to electric race cars, and one recent research that struck me was when Purdue University engineers invented a fast charging cable for electric vehicles. Professor Issam Mudawar’s heat and mass transfer research would enable me to study electronic cooling and thermal management systems, which can be applied to electric race cars. I’m also currently exploring manufacturing performance car parts, and Purdue’s Baja Racing club would allow me to learn about producing these parts, which excites me. With my ambition of exploring the motorsport industry, joining the opportunities at Purdue would undoubtedly be a blessing.

Notes: OK

***Briefly discuss your reasons for pursuing the major you have selected. (Respond in 100 words or fewer.)\****

In Gran Turismo, a car’s condition and engineering play an important role in winning races. With the proper modifications, I discovered that my vehicle would handle corners better and win races, which gave me a winning streak in the game. The playing experience awakened my curiosity on fluid dynamics and mechanics, and the game taught me how downforce and fuel mixture helped a vehicle perform better in races. I realized that I could learn these technical theories deeper and build a solid foundation to study motorsport by picking Mechanical Engineering as my Major.

Notes: OK

***Briefly discuss your reasons for pursuing the second choice major you have selected. (Respond in 100 words or fewer.)*** *\**

I was fascinated by the amount of E-Waste my household has. There are lots of unused laptops and tablets, which, if refurbished, could work again and do basic tasks such as browsing the internet. I took this opportunity to fix every gadget and computer in my house. During the Covid-19 pandemic, there was demand for cheap and durable laptops, so I decided to sell the unused laptops and tablets I had fixed. It was a win-win situation, from which I realized I could solidify my understanding of both engineering and entrepreneurship by picking Integrated Business & Engineering as my Major.