***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 cars. I’m excited for the opportunity to join this team as it would enable me to practice and develop my engineering proficiency that would be useful for my dream of  working in the motorsport R&D  sector. Purdue also has a club specializing in machining and manufacturing experience. I’m excited to later join the club “Purdue Baja Racing” as it is my aspiration to become an entrepreneur in the motorsport industry.

Hi I Nyoman,

You have mentioned two great opportunities in Purdue that you are interested in joining, and both relate to mechanical engineering. I think you have accomplished the short answer prompt!

Caroline

***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. I discovered that the vehicle could handle the corner better and win races with proper modifications, such as utilizing a wing. The playing experience drove 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.

Hi I Nyoman,

It is difficult to complete this prompt in 100 words or fewer, but I think you made the right choice by including Gran Turismo and its inner workings as a reason behind your chose major. I believe the short answer will be stronger if you included more details instead of another personal anecdote that you have that drove you to choose mechanical engineering. Include why you find it so fascinating and why you want to pursue it further.

Caroline