Please include an explanation of why you would like to study the major(s) you have selected. You may also use this space to indicate your interest in other major(s) in the colleges listed above. (Maximum 150 words)

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| My interest in motorsport started from Gran Turismo, where I learned how a car’s engineering and condition play an essential role in winning races. The fastest and most technologically advanced vehicle doesn’t always win the race, as it is a matter of handling corners better and not wasting time on the circuit. Aerodynamic body parts and race-qualified tires could differentiate the winners and the losers. This piqued my curiosity about aerodynamics, fluid mechanics, and heat transfer. A slight improvement in the car’s shape to minimize drag, downforce to increase traction, and efficient heat management could make the difference in pole positions. As I continued to follow my passion for automobiles, I also noticed the innovation made to the motorsport industry with the use of hybrid and electric powertrains in Formula E and endurance championships, which made race cars faster, yet environmentally friendly. This motivates me to contribute to the electric motorsport sector in my home country, which still has little to no interest in implementing. I dream of innovating a different type of electric race with a low entry price. Therefore it is why I want to major in Mechanical Engineering. |

The University **values diversity, broadly defined to include diversity of experiences, perspectives, backgrounds, and talents.** Enrolling a diverse community of scholars interested in learning with and from each other fosters discussion and discovery inside and outside of the classroom. Please share briefly how you might contribute to, or benefit from, our community of scholars. (150 words)

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| As a Hindu-Balinese student, I found that there’s still a lack of awareness about preserving Balinese arts cultures, like playing old gamelan pieces. Most Balinese youths lose touch with the instrument due to the perception that it doesn’t contribute anything significant to their lives. Together with my dad’s friends in the local Hindu community, we formed a group to play and create pieces and publish them on the community’s Facebook page. Through social media, we expose the local youth to the sounds of gamelan, which hopefully would initiate an interest in the instrument. From my experience as a lead gamelan player, I’d contribute to the University of Minnesota’s community of scholars by being involved in organizations encouraging others to accept their cultural heritage and be involved in the community. I can start an organization like the “Agni Indian Classical Dance Team” to let people immerse and study Balinese gamelan and their native cultural arts and promote diversity through cultural and skill sharing. |