**USC Essay Ravi**

*Describe how you plan to pursue your academic interests and* ***why you want to explore them at USC*** *specifically. Please feel free to address your first- and second-choice major selections. (Approximately 250 words)*

As I stepped into a white-blue-stripped Shinkansen, feeling the train’s warmth fighting off the coldness of Tokyo, I asked my mother how long it would take for us to get to the ski-resort we’re visiting. She replied, *one-and-a-half hour.* I was surprised! “How come a 200km train ride could be that short?’’ 1 hour and 33 minutes later, there I was with my snow boots on, left wondering how advanced engineering has become.

As I explored my interest over the years, I learned that engineering is more than just research and innovation. An engineer’s critical job is to solve urgent real-world problems while engaging with society to ensure beneficial change for all, including mother nature.

At Viterbi, I plan to pursue a bachelor’s degree in environmental engineering where I could learn how to revitalize conventional environmental systems that emits high levels of greenhouse gases. Through courses like Energy Systems and Environmental Tradeoffs, I’m excited to acquire the skills needed to challenge current policies regarding renewable energy’s growth as an industry. With that, I’d also partake in internship opportunities to enhance my soft skills of business and management in energy companies, such as Apex Clean Energy.

Lastly, I’m thrilled to be a part of USC’s culture on interdisciplinary studies, which would allow me to grow as a holistic engineer, capable of communicating my ideas to all fields.

Therefore, USC’s unique curriculum and faculty wouldn’t only push me to thrive academically, but also ignite my passion to create a thriving environment for the future.