***Why are you interested in the major you indicated as your first-choice major? (250 – 300 words)***

Imagination is the most powerful tool of the mankind. Throughout history, it has facilitated scientists in designing brilliant inventions, from Tesla's complex machines to Einstein's theory of relativity regarding the wrapping of space and time. However, one's imagination can get too complex to be explained by words or pictures.

When I did an internship in my father’s architectural firm, I had an opportunity to watch my father consult his house design with a client. My dad presented the CAD blueprints of the house alongside some 3D renders that I made. I noticed that the client favored the 3D renders as they require less effort to fathom. However, when my dad had to explain angles that were not included in the renders, he could only attempt to sketch them out or use hand gestures to mimic the geometries of the house. It was also clear that the client had difficulties in elaborating his vision for the house.

I then recalled a scene from Iron man where Tony Stark designs his first iron suit through voice commands and responsive holograms. The suit design was projected directly towards the subject and Tony would be able to interact with it just like a real object. This scene opened my eyes to the potential of human-computer interaction technologies. I delved deeper into this topic and realized the vast unexplored possibilities of virtual reality and augmented reality. If properly exploited, this technology could help company leaders in projecting their vision. In the future, I hope to further my studies on computer science, specifically on human-computer interaction to develop a technology that allows humans to be fully immersed with the digital world. To be able to project our imagination to others, while taking a glimpse of theirs.

Hi Samuel,

I really appreciate your way of narrating your answer. However, I think you still have not answered the prompt accordingly.

The prompt asks you to explain why you are interested in the major. You have told us a background story (your internship experience) as to what you would like to explore further, which is the human-computer interaction field within computer science. However, I believe you should also elaborate a little more on why this field interests you. How exactly does the human-computer interaction field, or what about it, could help you to tackle the issue you mentioned in your story?

Perhaps, you could try to showcase a bit of your understanding of the field and how it ties into your interest. Is there a particular area within the human-computer interaction field that—to your understanding—gives a tangible example of how it could help human interpret their imagination better?

You could then close your essay by concluding once again as to why the experience you had and the field itself made you choose the major. For example, “By further studying computer science, I believe that I will be able to…”

The structure of your essay should look like this:

1. Iron Man anecdote. Relate this to human-computer interactions and what about it interests you
2. How can human-computer interactions help us visualize/imagine things better? What are the possible practical applications? You can talk about your internship here, or use a different example, perhaps pointing out an issue that you particularly want to work on.
3. Your future goals in this area & how majoring in compsci will help you achieve these goals

All the best with your application!

Johana & Chiara