

## TASK 4

Robotics itself has fascinated me since a very young age. I have always been curious to dive into this branch of electronics and get to know about it, but never got a hands-on experience before college. I was eagerly waiting for the summer projects as they will give me exposure to robotics as well as to meet many experienced seniors with great insights and knowledge. Although all the projects interested me , however, **AUTONOMOUS NAVIGATION OF MARS ROVER** inclined me towards it a bit too much.

I think the reason of this is because nowadays robots have a huge potential use in space exploration and it would be something that of course would be very challenging(I like complex challenges btw) to autonomously navigate a rover on mars whose landscapes and other environmental factors we aren't aware of. This project will also add to my educational and technical skills giving me an upper hand in professional endeavours.

All these factors make me highly inclined towards this project.

I hope to become a part of this super cool project to contribute and furnish my skills.