



## #2-Sample of Mechanical & Electrical Engineering SOP

I have always been fascinated by the vast jobs robots are able to perform and by the way, all these cars around us were designed.

The problem is, my interest was not satisfied by revolving around the outer appearance of these machines or by how well they achieved their functions but was constantly demanding to learn more about how they managed to do so and what inner complexities I was not allowed to meet closely made it capable of attracting my attention.

Engineering arrived like a wish-granting spell, as it combines the two subjects I am very passionate about. Majoring in engineering is going to give me a chance to dive further into the interesting findings of physics and finally put the mathematical knowledge I gained during my A-levels into practical application.

Problem-solving is one thing I will be facing during my studying years, and it is the thing I am willing to encounter in order to both help society, as well as myself. Challenges tempt me so much. I would risk it and make up my mind that I should get out nothing but a winner. That is another reason that makes me ready to solve those problems I will face, and certainly, in the most creative ways.

In addition to that, a very important group of those who change the world are engineers. They get to fetch for ways to control and prevent pollution going on because a greener environment, free from pollutants, is what we are all looking forward to. They also create new medicines and explore and develop new technologies. They can try out all the amazing things we thought would only exist in the imagination, from flying vehicles to undersea buildings. They are able to get a hold of these wonders and make them the future's reality, and I would be very glad to join them in doing so.

After choosing to be one, I read various pieces of information about engineers that made it to the high rank of success. Among the text I went through, I found Hedy Lamarr, who has affected today's availability of Wi-Fi, Smartphones, and any other wireless technology possible. I honestly regard this as very impressive, as almost all our reliance nowadays is on the result of her creation.

Despite the fact that Hedy had no degree in engineering, she had an idea for switching from one frequency to another in a matter of split-second intervals, and putting it into the application was enough to help us reach today's technologies.

In our time, though, I believe that an engineer is not going to prosper if he depends only on the knowledge he graduates with. Every engineer needs to build certain skills, including leadership, business adeptness, management, and ease of communication.