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Reader

New York City, Greater NY

All Boroughs

Dear, Reader

Hello, how has your day been going? I hope it has been well. My name is Joshua and I am here to inform you about and hopefully get you to start participation in a discourse community that I am a part of. I participate in the communities of engineering and robotics so to those reading I want to try and get you to understand why I like these communities and why you might like them too. Now without wasting too much time let's proceed.

The DC's of engineering and robotics is very large and has many applications to the daily lives of you and myself. There are also infinite amounts of careers that have a basis in the fields themselves as well. Engineering which means using scientific principles to build, design, and innovate machines, structures, and items is an ever growing field and an ever growing DC as well. Robotics which is an application of engineering also has a lot to do with learning and innovating to create more efficient devices, gadgets and of course robots to better the lives of those who live on this planet like me and you. People like things like that can help you in times of need, and provide entertainment without the need to leave the comforts of your home. Those

things have a direct connection to the field of engineering and robotics and that is what is so great about it, it can help many people.

Now that you have seen some of the things that engineering and robotics can do let me tell you about some of the problems that these fields have solved. Over the long existence of the field of engineering it has made the lives of us many times more safe, comfortable, and productive. It has made it easier to connect you to relatives that aren't as easy to see often. It has helped those who may struggle with daily life by using science to create things like prosthetic limbs, walking canes, and wheelchairs. Through robotics we have created many modes of transport to allow fast and clean travel, as well as making machines that are able to mass produce whatever we may need. We have also through the use of engineering become able to build and plan out bigger, better, and stronger Houses, buildings, and even make a breakthrough to one of our biggest building achievements, the skyscraper.

Now that I have told you about things that these fields have solved, I will talk about projects and problems that the engineering and robotics fields still need to focus on. First lets focus on the topic of prosthetic limbs, while they are definitely an amazing invention they don't allow a user full range of motion that is one thing that needs to be improved. Right now all over the world we are constantly looking for more sustainable and efficient sources of energy and engineering and robotics are the fields that they use to search for new ones and innovate old ones. Some examples of those as you may know are solar, wind, and hydroelectric. Another problem that can be solved is the issue of our transportation because, one of the growing issues right now is emissions from our transportation. The electric car is just a start and the engineering field can go way farther in terms of switching our modes of transport from fuel to electric or a better alternative like bio fuel. There are many problems that the field of engineering can solve

and these aren't even the tip of the iceberg because I only know so much, but I am truly looking forward to what will come out of these fields in the future.

I have given you the rundown of the communities I want to give my experience. Since I was a child I have always been very curious and wanted to know a lot about a lot. When I was about 12 my dad started to take me with him to his jobs and that's how I got exposed to the engineering industry. Ever since I have had an active interest in the engineering community. When I was in highschool I was exposed to the robotics industry when I joined the robotics team that my school had. These instances brought me into these communities and I have continued to learn about them since then. We live with these gadgets and tools provided to us but getting into these fields have shown me how they make and come up with these concepts and I find a lot of fascination with the things that this community has made and are planning to make in the future.

With all that I have said about this field I hope that I have piqued your interest and caused you to think about joining the discourse community for these fields. I know that some things just aren't for everyone but, I am encouraging you to at least give it a try. These fields have many facets and I think that everyone can find something that they like or can possibly relate to. Einstein said "Scientists investigate that which already is. Engineers create that which has never been." I can say that I agree with this statement completely because I have experienced what engineering has created. It's a part of my everyday life and more of what it produces will incorporate itself into helping the daily lives of others. I hope that this letter encourages you to want to know the how and why of what engineering creates and how it can help you and others and how you might be able to contribute to these Discourse communities yourself. The doors are always open and the more people in this community the better because perspective always brings new ideas to the table or it might make you look at things in a way that might help potential

builders and manufacturers create more efficient and quality inventions. Thank you for reading and have a wonderful day.

Sincerely,

Joshua Christopher