Sustainability with computer science

A more sustainable place is the need of the hour. I do believe the world needs to develop without affecting sustainability. I remember the three r’s we were taught in our school days. It involves “Reuse, Reduce and Recycle”. I would start by following these three principles. Also I would encourage others to try these three principles. . Sustainability involves advancing without compromising what we already have. Sustainability with computer science should involve using technology to ensure sustainability. It may be in any field, it may involve maintaining the icebergs or the quality of the air.

I would love to develop to contribute towards sustainability. I would first start by researching on what factors we are falling back in terms of sustainability. Once I find the factor, I would start by finding the reason behind not able to ensure sustainability. Thereby, I would apply computer science to monitor the cause. I would use algorithms to predict usage and deprivation. Further, I would analyze any ways, alternatives to the model currently used. I would create a model which portrays the ways the probable system could more efficient.

I remember my teacher used to say a single line of code can replace thousand lines if thought in a logical manner. As an individual I would be developing programs and algorithms which maintains sustainability. Also while developing I would take care to choose my tools such which is productive and sustainable.

I would be honored if I receive this scholarship since I get to try some of the ideas I have in the back of my mind for some time. I have always been passionate about contributing to the society. My weekends are often spent with the NGO. Firstly I would be able to provide them with the resources to learn computer science. I would like to help them to get a basic system to get started.

Secondly I would help them to get the right resources to learn. I would also invite a skilled person to share the knowledge in computer science. I would also arrange a visit for the kids to various coding events occurring in the city.

I would also be helping the elder people to get more connected to technology so as to solve the day-to-day problems.

Further I had an idea about helping the grocer stores in our area. They face difficulties maintaining inventories. They cannot afford to implement a full-fledged system. So I will be developing a android based POS system to implement the same with an economical point of view. This scholarship would help me to afford the resources I would need to build the system.

One of the toughest decision I had to take was choosing between education and providing for the family after my high school. I had to provide for my family due to adverse conditiions. Finally, I decided to pursue study along with job. I followed time management so I could handle studies and support my family at the same time.

I remember when I joined the NGO called The Kuch Karo Project. I was told to come on a sunday morning. Now this meant sacrificing the one day I got as my leisure time. But I made up my mind and it was worthwhile. I developed this new passion for volunteering which I truly enjoyed. I got an opportunity to bring smile to the faces- young and wrinkled alike.

Recently I was looking to learn new subjects in computer science. I was looking to learn more about Chatbots. Then I came to know about Google developer site. I came to know about Actions on Google. It not only allowed me to learn about the same but also helped me to create an actual trial project. called Witty Pickup line. It further helped me by developing my project for third year. The project involves a Chatbot on college website to assist student with college admission.

Now the above adversities I faced had the following effects on me:

# As I went through adversity. I fell in love with the NGO. I got to help many with similar situations.

How do you plan to use to make the world a more sustainable place. If you receive the scholarship how will you use it to advance your position and goals of this scholarship.[300]

An essay about what adversity have you faced and how did it impact your career? Explain steps you took to overcome[250]

Ki KAriyeh

Aaja Mahi Aja maahi

Kutcha kuchi ii ada