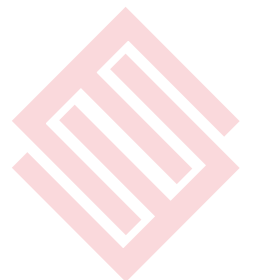


Reflection Paper

Student's Name

Institutional Affiliation



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In my experience of being a mechanical engineering student, I have always wanted to come up with a project that would give me an opportunity to be fully engaged in problems of social justice and activism. With this goal in mind, as a senior year student I came up with a project that involves designing sustainable heating and cooling systems for a building in China (HVAC). In my work as an SJSU student, I have acquired a lot of knowledge that is going to enable me to progress in realizing my project. I believe that this project is my contribution to social justice. Technology in engineering has come to me as something that can give me an opportunity to promote social justice in the United States. This paper aims at affirming the idea that my project is going to actively promote social justice and activism in the future.

There are various social actions within the borders of the United States that have resulted in greater equality and higher social justice within my lifetime. These actions include transformations of religious backgrounds and practices. In this case, religion has played an important role in ensuring that I become involved in a project that could contribute to social justice. For a long time my religious affiliation has ensured that I engage myself in social justice through analysis, education, activism, and other means that an ordinary student can be engaged in. This has motivated me to come up with a project that would reflect my religious beliefs in principles of social justice. Religion has also been a motivator in the sense that I have become aware of the need to assist those people in the society, who are less fortunate than me. Additionally, religion stimulated me to develop a soft spot for improving structures that were initially unfit for residence, such as a design of sustainable heating and cooling systems for a building in China.

Age has also been a social factor within the borders of the United States that has led to more equality and social justice in my lifetime. As I was growing up, there were certain things

that I did and that were not taken seriously by the society. The reason for this is that there when a person is below a certain age, he/she does not attract attention to whatever he/she might be doing. As I grew up, I nurtured a sense of social responsibility, and I felt indebted to the society. Growing up allowed me to come up with some personal ideologies that were sufficient to change the outlook of social justice principles in my life, and this is one of the motivating factors that led me to work on my current program.

The project that I am currently undertaking is important in that it is going to contribute to social justice in the United States in many ways. Firstly, the ethos of my profession and the course that I am undertaking is going to encourage me take social justice and responsibility into account whenever I am doing something work related. The ethos is closely connected with my project so that it becomes easier for many employers in the United States to see my contribution and to assist me and many other people who are in a similar position to undertake those projects that will pursue the general goals of my project. The project will ensure that I have developed a right mode of conduct as dictated by the profession of mechanical engineering in order to meet all of the project's obligations.

It is evident that social justice is aimed at creating more equality both in the processes of social organization and control as well as in all of the results that accrue from these processes. This means that the process will enable me to improve the conditions of many United States citizens through my project. As an engineering student who plans to be a professional engineer in the future, I will be forced to pay attention to all of the social justice problems and to ensure that I have helped to solve them whenever I would be in a position to do so. I will come up with good products through my future engineering projects, put them at the disposal of public, and try to make the world, especially the United States, a better place to live.

My project will also contribute to the social justice of the United States in the sense that it will promote the professionalism that usually permeates through the engineering industry. This is because my project has a focus on increasing the welfare and standards of living for the citizens. Through taking seriously the ethical mandates that ensure the promotion of social justice through engineering projects, I will ensure that I have made a contribution to instilling a sense of concrete social justice in the entire society.

I feel compelled to think about the long-term consequences as well as sustainability of the project. This will ensure that the future will have something to look upon in hope that social justice will always remain. The project will make equality a normality as it will not discriminate between the rich and the poor, and it will also not be based on religious or political affiliations. Because the project makes me feel responsible for it, I have taken its development as an integral aspect of my personal development, and the value of what I am giving to the society.

Finally, my current project will create awareness in the society in terms of its needs in day to day activities. This will happen when the people realize that there are many buildings across America that do not have installed adequate systems for sustainable heating and cooling. Every house that is higher than two stories or a building that has no proper ventilation needs to have such a system. Denying people the chance of having such system may be regarded as unjust to these people. Thus, it is a matter of social justice that I will try to address. Additionally, my project will give people a sense of responsibility when designing such buildings since they will know that it is a matter of social justice to give people a chance to live in buildings in which they could feel comfortable, in any time of a day. Thus, it could be stated that my project will go a long way in instilling a sense of responsibility in other fields such as those that are involved in planning and designing new buildings and the entire engineering industry.

In conclusion, I hope that my project will be a significant contributor to the process of promoting social justice in the future. It is going to be a project that is unique in the sense that it has been developed with interests of the people at its core. The project has been developed in a way that does not promote racism and discrimination on any basis, such as background or ethnicity. It is a project that tries to promote social justice for all of the people of the United States. It is evident that in the past many engineers have tried to promote social justice in their own ways, and while some have failed, there are others who have succeeded and brought the country and the society closer to unity. This is the main aim of my project, and I hope that I will always be in peace with myself for assisting the current and future generations. I also hope that the project is going to add value into the lives of Americans and ensure that engineers develop a sense of responsibility whenever they are engaged in the field of this profession.

