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Introduction

The purpose of this profile is to display that I am a young engineering student who plans to change the world with the knowledge that I gain from Purdue University. I am currently pursuing my bachelor's of science in the field of Mechanical Engineering, but hope to continue on towards my P.H.D. here as well. I am also in Purdue's Soccer Club and also participate in many intramural sports, in order to better myself physically and better my communication skills. The reason why I am an engineer is because I feel that I can solve any problem thrown my way, and determine the most efficient way to do so. Also I feel that if I can do this, I can have a huge impact on the global issues of today and make the world a better place to live. The reason I choose mechanical engineering is because it facilitates a large amount of the work and different types of engineering within today's society. I can then have a helping hand in current issues and be able to change the world.

Experience

Currently I'm in my sophomore year of Mechanical Engineering. Therefore, my current experiences are limited. However, I still have done some engineering programs that have allowed me to practice what my real job may entail. During the 2008 and 2009 summer, I joined the Minority engineering program's Academic Boot Camp and Sophomore Boot Camp, respectively. During the 2008 summer, we came to Purdue University and lived on site for 5 weeks while taking the courses we would take our freshman year. Furthermore, we worked on a mechanical remote control car and were able to modify it, within a certain range, in order to maximize the performance of the car. These changes included the directional configuration of the tires, the placement of the holes upon the body of the car, and the gear ratio at which the car would run. My group came in second due to a malfunction of the car battery, which caused our car to turn on and off. This disallowed us to continue within the competition. However, this experience was enjoyable and showed me the different ways engineers are confined to certain requirements and still find the most efficient way possible to achieve the goals. We then had to do a presentation on why we choose the specific changes that we did. This allowed me to experience how a real engineer would present his ideas to the world, and it was very informative for me to learn the do's and don'ts of presenting ideas.

The Sophomore Academic Boot camp had a similar concept but for only 4 weeks. However, we worked with Caterpillar Inc. and discovered how to apply what we learned in our classes to real life

situations. Caterpillar Inc. gave us a problem that had happened to them 3 years ago and told us the exact issue. We had to determine the best way to fix this problem with the given background. It took us 3 weeks to determine some ideas, narrow them down using the six sigma step program, and finally present the ideas. Overall it was fairly simple, but really showed me that what I learn in class is really applicable to these problems.

Future Plans

Like I said early, I want to get my P.H.D. here and continue on to help the world in a big way. Maybe solve the oil dependency problem or discover a new way to travel altogether. Either way I want the world to notice my contributions and say that these ideas or the things that I create made history. If I can even just change one person's life, that will be all that matters. Then I'll know that somewhere, someone benefited from my life, from my experiences and my existence. This is very important to me, and I hope that it happens.

Right now I am going to be doing an internship with Argonne National Laboratories in the summer in order to gain further experience in the field.