

Process report

Zhang Jianyuan

During this EE4 SSV project, I've got a lot of experience, in my part, which is basically the calculation part.

It takes me really a huge amount of time and attention to finish the calculation portion, this calculation part seems to be very easy to understand, but that is only a general idea, just like everything in the world, many things seem to be simple, but that is just a kind of imagination, when you really have to do it, every details need to be calculate patiently, but still, lots of difficult situations occurred in the process, it takes really much effort to solve them, to do anything successfully, you have to pay both time and attention. And don't judge anything through your first look.

Yang Yu

We did not know how to start our EE4 project at first, because everyone has their own idea in their mind. We cannot get a common idea. In order to get some information more specific ,we went to the toy store and watch the toy car carefully. After the discussion, we got the same idea about the underpan of the car. The first time we went to the fablab, we waste a Acrylic board because of the wrong calculation. After that, we make the calculation more carefully and have a 3D picture to analysis our car. Which kind of wheel we need choose is the biggest question we had met. The car should be quick a can climb the slope and also can get enough friction to avoid slipping. We should balance that and get the best wheel. After a few of test in computer and the actual combat, we got the best wheel. My job is to draw the 3D picture. It is interesting, but it really needs to be very carefully. EE4 project is a teamwork project , everyone in the team should be very serious, so that we could make our project perfectly.

Xue Kang

During we are doing the ssv, we overcame a lot problem due to everyone's hard work and cooperation. It's the first time I make a car with a solar panel, and it's also the first time I make a car taking so many details into account. I know more about how dose the solar panel and the motor work; I learned the factors which can influence the car's speed. We did a lot calculation before making the car, but when we are making the car, we still met many problems. There are always some errors between ideal calculation and reality. But we all work hard to make the car as good as possible. This is really an interesting process.

Lian Hao

EE 4 is actually another best experience I have had after EE 3 of last semester. Because through the whole project, we not only received the first touch with knowledge about solar panel and solar car, but also experienced the process of team work, which is quite significant to us since we have learned the importance of communication and cooperation inside the team. Honestly, I enjoy working with my teammates: everyone is full if creativity and we think about the problems together,

struggle the difficulties together and share the happiness of accomplishment of the project together.

Liu Enen

From the project, I have a chance to experience the brainstorm and teamwork; also, I know the importance of team work. Since the communication skills and cooperation skills have become more and more important, such an opportunity that I can experience and practice those useful skills seems very essential. From no ideas in anyone's mind at the very beginning to verities of strange idea about the solar car to final achievement of the whole project at last, we gain knowledge, solve problems and share the happiness.