Solar Hydrogen Car Project

11/2/17 -11/16/17, Principles of Engineering

This project's objective was to create a car that could run off different configurations of solar and hydrogen cells. The car had to be 5 x 12 (units varied), had to be able to run off of all 4 power configurations (one solar cell, two solar cells, one hydrogen cell, and two hydrogen cells). After actually creating the physical model and testing it, documentation for the product (the car) had to be done, which not only gave an in-depth explanation and detailing of the car but also recommended the ideal power configuration to the client, in this case, Tesla. My part in the project was more on the builder's side. One of my groupmates, Alex, did all of the hydrogen work, my other two group mates, Aadhav and Tyler, focused on the design of the car, and I focused on the solar work. On top of the solar work, I helped the three of them a little with each of their parts. The documentation was split up between the four of us, with me mostly working on pictures and descriptions of the car. The project was definitely an interesting one. There were definitely a lot more downs than ups (power configurations breaking down, etc), but in the end, we were able to create a well made and properly functioning car.