

Tutorial 03/22:

- I modified the map site trying not only in making it object oriented but also cleaned the code and searched other resources to make it more responsive.
- The summary linked above in the journal are the steps I chose to refactor as well as optimize the map site.
- Similarly, I have commented out what I have done as well as intending to do within the file so that it could be useful.
- And went through GitHub references while helping understand it with my friends.

Reading Thoughts:

- I liked the article stating new generation of cameras like Google's new Clips device understanding what they see, creating intriguing and sometimes eerie possibilities.
- I personally think that new AI techniques such as Computer Vision have given cameras the brain since they are able to recognize not only people but also most of the other details surrounding them. New studies including implementation of Deep Learning techniques, especially used by Google, has made cameras just like our eyes controlled by the brain [using so-called human neural nets]. For example, in new iPhone X, Apple has used this technique as an optimized model to make iPhone detect the person's phone. That is, it easily recognizes me even in extreme cases which I think is great as a service but might bring other issues in future. [I am thinking now that the US government will be easily able to get access to anyone's device data anytime they need since the government uses our face as a security screening test and for other purposes.]
- However, it brings this serious/dangerous word "spy" easily in the hand of users.
- I agree to the author when he mentions that tomorrow these cameras will understand you because it has been going on and even being implemented in some parts of robotics field today.

Side Assignment:

1. At first, I introduced the importance of knowing GitHub to my friends in today's industry which I felt extremely useful after working at NYC Train Sign, a tech startup in Brooklyn, NY. Also, I helped them fix and understand Merge conflict which often comes when many people work in the same project along with other terms such as pull requests, regular pull, push and many more.
2. Added Search Functionality with Zoom in capability in the Quantum Leap Map site
3. Map tutorial (in progress): Me and Aayush tackled this interesting problem to make a polygon within the map to calculate the area of that particular region in the google map with respect to latitude and longitude in order to pass it to solar irradiance API. From this, we will be able to know which area has more chance to gain solar irradiance and gain profit in using solar devices.