Learning Reflection

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Ziqiao LI (Joyce)

1155128280

No wonder this course is challenging for me. The codes are "delicate", because a very tiny issue, like forget to capitalize a letter, can make the js function not work. In the beginning, I often suffered from such issues, which took me a lot of time to find out the cause. The first run of the code was almost unsuccessful. Gradually, I learned to find the problems by exclusion. Were the class and id of the element the same in js file and HTML file? Was the js function correctly written? Was the data format correct in Airtable? Or maybe the "cdn" link should be moved to an upper or lower place?

Although, in many cases, I got frustrated with the technical issues, I felt it worth spending my time and energy in watching tutorial videos and doing the assignment because I could learn many things even not in class. The internet is the best library of methods and solutions. Many problems I met are also the problems that others encountered. Besides, when browsing for solutions, the open-source tools always surprise me! For example, the OpenWeather API offering detailed weather forecast data and historical weather data, the weather widget for the weather forecast, and the AddToAny social media sharing button widget. The last two are used in my final project. The tools highly increase working efficiency. But the key to making good use of these tools is design thinking and computational thinking. What is needed, why it is required, and how to make it?—These are the questions I should think about before actions. These questions

are related to the user survey, which is an essential part throughout the process of developing a product.

When it comes to the user survey, Google Analytics, Tag Manager and Optimize play an important role. I don't understand these tools well, although I have conducted the A/B test with them. I want to explore various functions, and understand the metrics in the report and dashboard. Another learning goal is to keep myself familiar with the "code" that I have learned this semester. The way to realize it is to keep practicing by improving the website of the final project. Also, because I like photography and making videos, maybe it is an excellent chance to build another website to display my video and photography works.