Personal Reflection

WANG, Xiliu ; 1155136945

I have learned a great deal of knowledge from this course. My bachelor major is Television and Broadcasting; therefore, I haven't gotten access to computer thinking and those hard skills before. I reckon that I can divide what I learned into the following points.

(1) Design thinking and Computational thinking

These two concepts are often emphasized by Bernard throughout the whole teaching process. Computational thinking is similar to progressive thinking for me, which means you have to break down the problem and solve it systematically and logically. You have to know very clearly what you are going to do at each step through 5 steps: decomposition, patterns, abstraction, algorithm, testing and automation. Design thinking is a process of solving problems which is more people-oriented. This kind of thinking also has 5 steps: empathize, define, ideate, prototype and test.

Actually, we can solve problems from every aspect of life by using these 2 ways of thinking. Moreover, they are more useful in the New Media industry because we can design products or services which both focus on user experience and collect all data easily.

(2) Knowledge about HTML, CSS, JavaScript and etc.

To be honest, the process of learning coding is really painful, which is more scary than Higher Mathematics for me. But after I created my own website and puzzle game by coding, I gained a sense of accomplishment. As Bernard said, maybe I cannot become a programmer, but I have the knowledge to communicate with them and I have more knowledge about user experience than programmers, which will be an advantage for me when hunting jobs.

In addition, bootstrap and pingendo as tools make me more confident in designing websites; Parse Hub and Open Refine help me handle data more easily; the concepts of IoT, API, MVC and etc. give me a deeper understanding

of the current situation.

(3) Awareness of UI/UX Designer

After learning knowledge of data visualization, A/B test, KPI, Airtable and instruction of Google Analytics, Google Optimize, Google tag manager and UTM, I gain the awareness of tasks for UI/UX designer.

Future Learning Goal:

Firstly, I really want to learn Python in the next semester because in many companies like BAT their preference for operation position is employees who are familiar with Python. Secondly, I want to learn more about the current situation in the Internet Industry. Finally, I hope after learning courses in the next semester, I can find my employment orientation clearly by knowing what my interest is and what I am good at.