

Course Reflection

I had some idea about making the websites and using the HTML and CSS, but I wasn't really familiar with the JavaScript part of the web development, but through this class, I was able to understand and learn the JavaScript required for the making HTML canvas games as well as JavaScript for the website. It is beneficial to learn javascript to be able to make dynamic and interactive websites. Now I have a better understanding of how to be able to manipulate the multimedia on my website.

Being a Computer science major there were a lot of things that I have learned in this class which I didn't know about. Most of the things I learned in this class were unfamiliar to me, but to be able to learn and get something in my knowledge box was great. Now I have added JavaScript as one of the languages I know, which is a great deal, to be honest at this point in my life. It is one of the widely used languages by any software programmer, which implies to future me too, as of now.

To be honest, there were a lot of things since the beginning of this semester I wanted to learn. Mostly, I wanted to learn how to write the javascript and how to connect it with the HTML, as it is one of the widely used web client-side scripting languages. Through this class, I was able to learn all of that. On top of it, I was able to learn how to implement HTML canvas, and how to make games through Javascript and HTML canvas, which was fun. I am not a very video game person, but now through this class, I know how to make games using the canvas and Javascript. Furthermore, one of the other interesting things I have learned was how to make compelling visuals, like we did when we created the circle bounce lab. A lot of doors opened up for me after completing this class, to be honest.

I knew the HTML and CSS part the web development that I learned in the class before this, COMP 105-Intro to website development, which was pretty easy. I thought the JavaScript would be a little easy, but getting the knack of it after a long time after doing COMP 172, which is Programming with Java, was a little tricky but worth a try and was indeed fun to learn. This was a pretty good opportunity to review and further explore the object-oriented programming, which is what I have learned in my previous classes. One of the other fundamental things that I got to revise through this class was the functions should come before they are being called, which was the thing I realized I wasn't paying attention when doing the final project.

Now when I look at websites with interactive components I could understand what they are doing at the backend of it, which is pretty interesting to know. This journey has truly expanded my horizons about website development, as it enables me to explore the intricacies happen on the backend of the service we are using. For example, I didn't know the madlibs works like that way we learned in the class, it was fascinating to know, yet I have lost the craze for the game. Similarly, there are a lot of games that use JavaScript and canvas, and the functions like the collision detection and other ones, which really enhanced my respect for the developers as it is one of the complicated things to implement in my opinion. There are a lot of creative visuals used on the websites, which look beautiful, but now I have a better understating of what is actually happening.

This class indeed has helped me become a better web developer, as it sought me how to use JavaScript along with HTML and CSS. Also, this class gave me an idea about how to create playable video games using HTML canvas, which was one of the hard, yet interesting parts of this class. I further learned how the functions should be written in the JavaScript and which function would come before the other and vice-versa. As far as the designing part is concerned, I

think I was able to become a more sophisticated designer through this class. As it further shaped me become a better web developer, who is also now experienced with JavaScript, as JavaScript is the most popular client-side scripting languages that help in creating interactive and dynamic websites. It was a great journey throughout the semester, the little things we learned in the semester in this class since the beginning have helped me in the final project and will help me in the future also.