05430 Programming User Interface
Assignment 8 Implementing a Web Portfolio Project: Final Project Part 2

Part 1

The purpose of my website is to serve as an interactive portfolio with my resume, projects and contact information, which I will continue to update as I acquire more experience to present myself to recruiters. Through my interactive portfolio, I am able to convey various aspects of myself as a student studying HCI, a job candidate for a UI/UX designer position, and finally as a person. These diverse facets encompass ethos, pathos and logos to paint an elaborate picture of the individual I am; the contact information and resume to establish personal credentials, the introduction on the homepage and my pictures to reveal my personality, and the display of my projects to palpably demonstrate my skills to the audience. It is made interesting and engaging through the typewriter animation on the home page, which immediately captivates the audience's attention and is a unique way of presenting my skills and passion. By displaying powerful nouns that express who I am now and who I aspire to be, including 'Innovator', 'Designer', 'Creator' and 'Researcher', it allows me to present myself in a strong and effective way, leaving a compelling impression to my audience. It also further shows the diverse qualities I possess. In addition, on the Projects page, the audience can engage with the display of my projects more effectively by having an interaction where they can find more about them if they are interested by clicking on the images of the projects and the process journal link. Through the use of Materialize and Bootstrap, it enhances the presentation of the information, allowing for choice and convenience for the users. The target audience is anyone that would like to get to know more about me and my work, and especially recruiters as I will be using this portfolio to apply to jobs.

Part 2

Index Page:
- Upon entrance there is a typewriter effect, which types out the four nouns that describe who I am, 'Innovator', 'Designer', 'Creator' and 'Researcher', in a loop, with a flashing cursor that deletes and types out the words each time; by refreshing the page, the loop restarts, beginning with the word 'Innovator'
- Each circle with the options from the Nav bar (Resume, Projects, Contact) navigates to the indicated page by clicking on them

Nav Bar:
- When the screen size changes the nav bar becomes responsive and a sandwich icon in the left corner appears to show menu options for smaller screens

- When you click on my name on the nav bar, the color changes and navigates back to the index page
- The color changes as well when you hover over any of the other menu option on the bar

Resume Page:
- Click on the + or – to zoom in or out of my resume

Projects Page:
- Click on the images of the projects to view a description of the project
- Click on the Process Journal word to navigate to the link to process journals on google drive

Contact Page:
- Click on 'Lets Chat via Email' to send an email to my email address
- Click on 'Connect with Me on LinkedIn' to navigate to my LinkedIn profile

Part 3
Bootstrap
- I chose to use Bootstrap because it is able to make the website responsive, and it uses the grid system. I also found it relatively easy to learn and implement the bootstrap features through lab and online tutorials.
- I used Bootstrap to elements using the grid on the website. For instance, on the Contact page, without using Bootstrap, I found it difficult to get the text placed next to the image. However, using the row features of Bootstrap to divide the 12 sections among the picture and the text cards, I was able to place it next to the image allowing for a better presentation of the page.
- Bootstrap adds more to my website by having a grid system for organization on the website. I was able to place and align elements with a grid system for a more effective presentation of information.

Materialize
- I decided to use Materialize because it helps achieve the aesthetic that I wanted my website to have. By implementing the features of Materialize, I was able to achieve the overall appearance and presentation for my portfolio. I was firstly introduced to it through a classmate in another class and I found it highly intriguing as students from Carnegie Mellon developed it.

- I made use of Materialize to create the Navigation bar and the cards on all the pages. As all the features of Materialize are responsive, such as the cards, by using them, I was able to add responsiveness and interaction on my portfolio.
- Thus, Materialize adds responsiveness to my website. It also adds the design aesthetic and decisions that I wanted in my portfolio.

Typewriter Animations
- I made the decision to use animations to captivate the audience's attention from the main home page and to present the diverse qualities I possess in a highly unique engaging way.
- I used animations to create the typewriter effect on my home page to display powerful nouns that express who I am now and who I aspire to be, including 'Innovator', 'Designer', 'Creator' and 'Researcher'. I believe this is an effective introduction to my portfolio and is a good entrance to the contents of the website.
- I believe the typewriter animation adds personality and a dimension to my website. It presents to the audience with more content about myself as they spend more time on the website.

Part 4

When iterating on my HW7 mockup, my design did not differ much from it. There was only one slight change I made, which was the line change as long words are typed out in the typewriter animation. On my Figma high-fidelity mockup, for longer words such as 'Innovator' and 'Researcher', there would be a line change and they would be typed out in the next line. However, because the line change made the alignment look messy, I made sure that all the words were typed out on the same line.

Part 5

I found this assignment to be the most challenging as I experienced various obstacles. For example, I had a difficult time figuring out the implementation of the typewriter. It required a lot of researching and watching tutorials to understand how it should be executed. In addition, I found it highly confusing when I was implementing the features of Materialize and Bootstrap, as their code looked very similar but produced very different results. However, through spending a lot of time studying and researching these tools, I feel that I have learned so much about web development, as well as acquiring means to handle the challenges I encounter.