

Part 1

1. This website is my personal portfolio. My intention was to design an online portfolio in terms of the look and feel and interaction. The content is not all completed yet because the projects I want to include are over yet.
2. That being said, I intend to include an about me page that shows the audience who I am and what my interests are. I also intend to provide brief descriptions of the projects I plan to include. I also designed and formatted the actual project pages, although I do not have the content yet (as the project is not completed).
3. This website is relevant to hiring managers when I start the job hunt process. I wanted to create a very simple, intuitive layout that recruiters can easily look through without trouble. It is also engaging because I included a Typewriter effect animation that basically types out my different interests and passions. I personally think this is a creative and effective way to describe my passions.
4. The target audience are hiring managers and recruiters.

Part 2

1. Typewriter effect on the homepage
 - a. This effect basically types a statement and then deletes it after a set time period. Then it types the next statement. It continuously does this as long as the user is on the homepage.
 - b. For this interaction, users can just watch the words type and delete recursively (index.html). There is no work required by the user. The code for this effect can be found at main.js.
2. UCRE Project Page
 - a. One of my projects I decided to include in my portfolio is my research and design solution I created for my UCRE project. This page is a scrollable page that entails the details of the research and design process of the project.
 - b. To get to this project, the user will need to click on the 'Projects' link on the navigation bar. From this projects page (projectpage.html), the user should click on the first card. This brings you to the UCRE project page. (project1.html)

3. About page
 - a. This is the page where users can find out about my hobbies and interests as well as my education.
 - b. To get here, the user would click on 'About' on the navigation bar.
4. Hover Interaction
 - a. The navigation bar has a hover interaction so it changes color when hovered on
 - b. The user would hover over the links in the navigation bar to see this effect

Part 3

1. I used Bootstrap.js as the external library
2. I chose this because I've heard that it is a good framework to make your site responsive and consistently formatted. I've also never used it before so I wanted experience with it.
3. I used Bootstrap mainly to make my navigation bar and footer responsive. I also used bootstrap classes in combination with css flex to make the page body responsive.
4. I think this adds consistency in my code because many of the classes are bootstrap classes. It makes the layout/grid consistent. I think it is a simpler way than using vanilla code. However, since I am new to Bootstrap I used it in combination with CSS to get the results I wanted.

Part 4

I iterated on my assignment 7 designs a little bit. I changed the typewriter phrase to be more effective. I also changed the project page layout from originally a slideshow format to a card format because I only have 3 projects. It doesn't warrant a slideshow feature and it makes discoverability and readability difficult for hiring managers who may not have more than a minute to explore my portfolio. I also merged the about and contact pages into one.

Part 5

I faced a couple of challenges throughout the process of this assignment. First, I was unsure how to use bootstrap. It was confusing at first but I read up on a lot of documentation to understand how to make it work.

For the homepage I wanted to make a layered box decoration look. However, this was really difficult especially to make it responsive for different screen sizes. I also wanted to add another

line decoration on the corner of the page but I left it out because I was unsure how to make that cleanly so that it is responsive as well.

In general, making the website perfectly responsive for different screen sizes was difficult. Bootstrap helped out with this, however, due to the time constraints it was difficult to use the bootstrap capabilities entirely to achieve this. It was interesting to design mobile first and then make changes to the CSS for larger screens. At first, this was a novel idea to me.

References

<https://webdesign.tutsplus.com/tutorials/how-to-build-a-responsive-navigation-bar-with-flexbox-cms-33535>

<https://stackoverflow.com/questions/61980111/make-box-responsive-in-css>

<https://usefulangle.com/post/75/typing-effect-animation-javascript-css>

https://www.w3schools.com/tags/tag_footer.asp

https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Flexible_Box_Layout/Aligning_Items_in_a_Flex_Container

<https://getbootstrap.com/docs/4.0/utilities/flex/>

<https://getbootstrap.com/docs/4.0/examples/album/>

https://www.youtube.com/watch?v=mULM6KcF_mo&ab_channel=CodewithAniaKub%C3%B3w