Shalini Rao

Assignment 8

Page: https://shalinidrao.github.io/portfolio/
Repo: https://github.com/shalinidrao/portfolio

1. Part 1
   ○ This website is meant to be a portfolio to showcase my projects throughout my time at CMU. Its main goal is to show the progression of my work, and display how my designs have changed as I've learned more and gone through more classes.
   ○ I convey my process for each project, including images of different methods used, as well as final prototype images if applicable.
   ○ The page has a chronological progression of my work, which helps the user to see how I have changed as a designer as I worked with different teams and broadened my knowledge through different courses. I have always enjoyed looking at other students' portfolios to see each person's different perspective on the same project.
   ○ The target audience would be other students and recruiters who want a visual representation of my work outside of my resume. Especially for other students looking into doing a double major in HCI, looking at the type of projects we do can give a better idea of whether or not they would be interested in committing.

2. Part 2
   ○ Scroll on homepage -> see timeline of projects
   ○ Click on project titles in timeline -> taken to that project page
   ○ Click on home button in navbar from project page -> taken back to homepage
   ○ Click on hamburger menu in navbar from project page -> side navbar will show up
   ○ Hover on any of the projects in side navbar -> title will change color/become bolded to show it is selected
   ○ Click on any of the projects in side navbar -> taken to that project page
   ○ Click on left or right arrows in carousel in project page -> switch to next/previous image

3. Part 3
   ○ Bootstrap
   ○ I have always been interested in using Bootstrap, since it has built in frameworks to help with responsiveness. Another project I had worked on used it, but I never had the opportunity to learn much about it myself.
   ○ I used it to create a grid structure that would reformat the page on different screen sizes. It also helped with resizing images with wildly different aspect ratios, both in the carousel and just plain on the page.
   ○ It adds accessibility for users from different screen sizes, by resizing and reformatting the page as the screen size grows or shrinks. This way, there is less cognitive load on the user to have to resize content their own or unnecessarily scroll through a page that is too big for the screen.

4. Part 4
    ○ The biggest change was the rotation of the timeline from horizontal to vertical. Especially on mobile phones, horizontal scrolling is much less intuitive for the user compared to vertical scrolling; it would create friction for the user to have to switch scrolling directions in the middle of the page. As someone who has been frustrated with this exact scenario, rotating the timeline seemed to create a better user experience.
5. Part 5
    ○ I struggled the most with understanding the uses of margin vs padding, especially in a grid with unevenly shaped items. I also spent a lot of time not understanding why my style was not rendering, only to realize the sheets were in the wrong order or did not reflect the correct filepath.