Homework 8 Write-Up
Asad Sheikh
asadalis

Part 1:
My website is a portfolio site showcasing some of my work that I have completed as part of my coursework in HCI. The purpose is to add another dimension to my application for future internships and jobs, as well as to have a continuously ongoing project in my work. I do not believe that my website is close to complete, as I have a lot of other projects that I think would be worthy of being showcased but are either currently in process or I have not been able to develop the full process reports.

The information I convey with my website is information about past projects. I talk through an overview of the project, followed by the thought rationale that either I or my group used as we went through the different stages of the project, from persona development to iterations of prototypes.

I keep it engaging by having scroll-based animation on my website to create progressive disclosure of the information that I place on each page.

My target audience is colleagues, recruiters, and other industry professionals.

Part 2:
- Home page
  - You can interact with the navbar in the top right corner to navigate to different pages.
- Portfolio page
  - You can interact with the navbar again, and you can hover over the projects and they will be highlighted, indicating the project that you will be seeing when you click on it.
- Each project page
  - You can interact with the navbar
  - As you scroll down the page, more information will slowly resolve itself.
- About page
  - You can interact with the navbar in the upper right corner.
  - Animations reveal the information on the page.

Part 3:
- Bootstrap
  - I chose to use bootstrap because of how much I struggled in the last homework with aligning items. I designed my prototype using a grid and wanted to use a similar grid framework for designing the website.

- o   I used Bootstrap to format the whole approach of organizing my website's content. I used the rows and columns extensively when organizing images and text for my project descriptions.
  - o   It adds a sense of cleanliness as everything is nicely aligned to the grid and creates a nice visual look. I seriously love Bootstrap.
- Animation On Scroll
  - o   I chose to use this library after seeing a classmate demo using the library at the first showcase. I thought it was really cool how the library had some nice on-load transitions and wanted to incorporate that into my project as well.
  - o   I used the animation library AOS to add animations when the user loads different pages. Different elements will either zoom in or fade in from a direction just to add interactivity and visual excitement on the page.
  - o   The animations add to the visual component of the website, adding interactivity and a fun component to going through my website.
- jQuery
  - o   I used jQuery to help animate a certain part of the navigation bar.
  - o   I chose to use jQuery to help toggle the navigation bar to shrink in response to a scroll event.
  - o   I have a function in my JavaScript file that toggles the class of the navbar to be shrink if the user scrolls down a certain amount on the page.
  - o   It adds a nice micro-interaction with the website.

Part 4:
There were not any changes to my mockups from Homework 7. The only thing I did was include the design of the about page, which was not included in my Homework 7 submission as it was not required then.

Part 5:
I experienced some challenges at the start with Bootstrap and understanding how the column structure worked. It took some time, but after I figured out how to create a grid layout with rows and columns, I was able to smoothen out the alignment of elements on the page so that everything looked nice and in line with each other.