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Programmable User Interfaces

Assignment Eight: How I learned to Love bootstrap

https://parkernussbaum.github.io/Assignment%208/index.html Website link

https://github.com/parkernussbaum/parkernussbaum.github.io/tree/master/Assignment%208 Github file link

Part 1.

My website is supposed to be my first rendition of a User Experience designer portfolio and a way to describe my professional life to any viewer who wishes to learn more about it. The website features my UX portfolio, my ID portfolio, an interactive timeline, a copy of my resume, and a contact submission page. My hope is that the website conveys that I am a confident and capable designer - as well as more playful than maybe other designers by using more color, design elements, and flair than a minimal webpage. It is also my hope that viewers can easily understand my project pages and visualize the process that I go through in my portfolio pieces.

The website is interesting and engaging in a few different ways. For one - it has bold user of color and font by showcasing a gif at the header of every page with loud text, it features parallax scrolling, and has elements that move as you reach them in your browser. It also features an interactive time line on my about page - which changes images as you scroll past them. Lastly - it features interesting projects and descriptions that bring the viewer in to understand my process on these portfolio pieces.

The target audience is primarily hiring managers. Yet - It is also meant to be viewed by other design professionals, friends, and any one who is interested in learning more about my professional experience. It is my hope that eventually I will add a blog page as well to the website.

Part 2. - Note these are all standard web interactions - scrolling or hover state

Home Page

- Users would first come to the landing page and read the header / watch colorful gif
- Scroll down to the first section (on the home screen) which showcases portfolio pieces and either hover on one to see a description and click it - or scroll further
- Users then could scroll to read more about myself (quick about) and choose to either to jump to the about page by clicking the button there, or they could play with the rainbow scroll under the h2 element which changes as scroll
- Users - if unswayed by the about button - then could choose to contact myself further or go to the bottom of the page where quick links are located

About page

- Users would first come to the landing page and read the header / watch colorful gif
- Scroll down to be greeted by jumping layered images which offers a preface before going to the timeline start explains what the page is about
- Users would then continue to scroll to the timeline
- As users scroll through the timeline - images would change to the section as the image reaches the top of the page. This was done through java script
- Users - as they finish the timeline - then could choose to contact myself further or go to the bottom of the page where quick links are located

Project page

- Users would first come to the landing page and read the header / watch colorful gif

- Scroll down to the first section (on the project screen) which showcases portfolio pieces and either hover on one to see a description and click it - or scroll further
- Scroll down to the second section which showcases industrial design portfolio pieces and either hover on one to see a description and click it - or scroll further
- Users - if unswayed by any of the projects- then could choose to contact myself further or go to the bottom of the page where quick links are located

Single project page

- Users would first come to the landing page and read the header while also taking in hero shot on the page
- Users would continue scrolling down looking at images and text as the pop up during scrolling.
- If users wish to click on images- it will cause the screen to grey out and images will become centered in the page
- Users - as they finish the project page - then could choose to contact myself further or go to the bottom of the page where quick links are located

Part 3.

This assignment was done primarily in Dreamweaver and I used Bootstrap, Anime.JS and JQuery for a lot of the animation. I also used fontawesome.css and ionicons.css as css library to bring in more visual depth for the webs.

These tools were primarily used because of their dominance among internet developers. JQuery though was specifically used because it was a vestige of the template that I started and built off from. Bootstrap though was a must and it made the whole process of laying out images and material in my portfolio a much simpler endeavor - it was also used to make the website mobile responsive. Anime Js. Was used for the rainbow scroll animation and for the timeline to help with smoother transitions when images load. JQuery was used to help load certain motions and parallax scrolling.

All of these features combined a very expressive and smooth feeling while scrolling through the website.

Part 4.

My changes from HW7 vs my final project were very different. I think overall color and feel was there (bold colors and large text) but there definitely was a lot of growing. Our TA recommended I check out *https://charliedeets.com/* website and that was a huge plus to look at - and really inspired me to look at other UX designers portfolios. From there - I created a tighter style with more minimal grid usage.

The timeline was really influenced by what examples I could find and build from. It was a daunting task to start from scratch. Luckily - I found a great example on Code Pen that I was able to refine perfectly to fit my website. While there are some style differences between the timeline and the website (full bleed vs margin) - I think overall was a big improvement. Hopefully I will tackle this fix in the winter break timeline

The largest change was definitely to the sample portfolio spread page. After looking at others portfolios- it became clear to me that most designers just have one picture and centered text. While I think it is a bit boring - I really tried to center the great and make it flow smoother since it was industry standard in terms of portfolios.

Part 5

The hardest part was definitely learning how to apply tasteful interaction and to modify SCSS files that are extremely dense. Working off of others codes and examples is really helpful

but it can be just time consuming to understand their tagging preferences, their layouts, and modifying for your own usage. Looking at examples at times felt like a kid in a candy shop but what I realized is these interactions can quickly overwhelm the viewer. In some ways I wish that I had not spent as much time looking at examples because my final version has way less animation then my first version I produced with code.

Sources -

https://charliedeets.com/ for inspiration

https://coreui.io/v1/demo/AngularJS_Demo/#!/icons/simple-line-icons - icons for core ui

https://codepen.io/knyttneve/pen/bgvmma - time line interactive effect built out

https://codepen.io/chriscoyier/pen/qBBMYYb - rainbow scrolling effect

https://colorlib.com/wp/template/cardboard/ - Theme I started the website from