

Description

For my final project, I created my personal web portfolio to showcase my past work and introduce myself. With my website, I hope to share with other classmates/ designers or recruiters my projects and make connections with them. I included three of my past projects, an introduction about myself, and my resume on the website. The three projects are my contextual inquiry research project from User-Centered Research and Evaluation, my Bun Bun Bake Shop web design project from Programmable User Interfaces, and my conversational user interface project from Interaction Design Studio. Collectively, these components of the website will allow others to get a sense of my design strengths and weaknesses and career interests.

To make the web portfolio more interesting and engaging, I used a few external sources. Firstly, I used a Javascript library, Anime.js, to allow the project thumbnails to enlarge and become fainter when the user hovers his/ her mouse over them. This allows them to clearly track where the mouse is, making the interaction more engaging. Next, I used Bootstrap to create a carousel-like slideshow in one of the project pages, as that project involved a lot of repetitive diagrams/ storyboards. Thus, the carousel allows the user to read in depth what I worked on while not making the page extremely cluttered. Lastly, I used a Google Map API in my About page supplement my section about my hobbies. Since one of them is about traveling and exploring different cultures, I included a Google Map with markers showing all the places I've been to. This allows the user to see where I've been to, which may even lead to interesting conversations when we connect!

Interactions

- Tracking where the user's mouse is by hovering each project thumbnail (anime.js library)
- Reading about each project in more detail by clicking on the project thumbnails (html href link)
- Looking at the different images in the CMUPool project page by clicking through the carousel (Bootstrap)
- Getting to know me better by clicking on the about tab (html href link)
- Seeing all the places I've been to on the about page by zooming in/ out and scrolling around the map (Google Map API)
- Learning more about my professional experiences and extracurricular activities by clicking on the resume tab (html pdf link)

External Tool

* I used three external tools in my website

1. Anime.js (Mouse hovering)
 - I chose to use the anime.js to create a simple animation of making the project thumbnails more faint and larger so that the user has immediate feedback as to

where his/ her mouse is. I found the anime.js documentation and examples the easiest to understand and implement, which is why I chose this library as opposed to the other ones.

- I first included the anime.min.js file in my Assets folder and referenced it in my main.js Javascript code. I then called the anime function within my functions to change the opacity and scale of the thumbnails.
- This makes the project page more engaging, because users are shown that the site is reacting to his/ her mouse movements.

2. Bootstrap (Carousel)

- I chose to use the bootstrap carousel, because for my CMUPool design research project, I had a lot of repetitive images/ models for a couple of the research steps. Thus, I used the carousel to fit everything in the site without making the page look too cluttered.
- I learned about the carousel bootstrap code from W3School and inserted my own images, changed some of the carousel style on css, and made other minor changes according to my website.
- This allows the users to read in-depth about each model/ image if they want to, without taking up too much space in the website.

3. Google Map API

- I chose to use the Google Map API, because I wanted to make my about page more interactive and interesting. The Google Map API complements my section about my hobbies very well.
- I first added the Google Map API into my html and used the map.js Javascript file to specify where the map should be centered around as well as add markers of each place I've visited on the map.
- This allows the users to see all the specific cities or countries I've been to, adding more details to my second self-introduction paragraph.

Changes Made

For the project page, I changed the thumbnails from rectangles to squares, because I wanted to narrow the scope of the project a bit and include just three projects instead of four. I also wanted all the project thumbnails to fit nicely in one row/ page. Next, instead of adding an animation to the about page, I added a simple animation in the project page regarding the project thumbnails. This was because I didn't have any prior knowledge about animations when I was planning out the final project in assignment 6, and realized that the new animation would fit my website more appropriately.

Challenges

A challenge that I experienced while implementing my website was keeping track of all the different files and images as well as the lengthy pages for each project. It was difficult to find mistakes, since the pages were much more complicated with more information than the last project (Bun Bun Bake Shop). In addition, I struggled at first with understanding how to use the

anime.js library. Although my animation was extremely simple, debugging it took some time as well since it was my first time coding something like that.