

Homework 8 Write-Up

Part 1 - Project Description

The purpose of my website is to display the design and tech projects I have made in the past. On my website, I am showcasing my skills and my personal style. I also included information about myself, so that those who look at my work can also get to know me as a person. I made the website interesting and engaging by incorporating animations and responsive interactions that make certain content stand out. My target audience is potential employers as well as anyone on the internet who may be interested in my work.

Part 2- Interactions

- Return to the page top
 - Scroll to the bottom of the page
 - Click on my name in the navigation bar
 - It should return to the top of the page
- Explore portfolio
 - Click on the “EXPLORE” button on the welcome page
 - It should scroll to the projects section
- View Individual Projects
 - Go to the “works” section on the home page
 - Click on a project
 - It should display the individual projects along with their descriptions
- Social Media Links
 - Go to the footer of the page
 - Click on any of the social media icons
 - It should lead you to my social media pages
- Mobile View - Drop down nav bar
 - Go to the website on mobile, or resize the window so the width is a lot smaller
 - Click on the hamburger menu on the top right
 - It should display the navigation options

Part 3 - External Tools

- Bootstrap
 - I chose Bootstrap because it is a popular css framework that I think would be useful to learn. Bootstrap also allows for easy responsive design on the website.
 - I used Bootstrap in almost all of my elements, since the Bootstrap library has pre-written classes, I mainly just assign these classes to each element.
 - It adds responsive design to my website so that it can be viewed on different screen sizes. I also used some provided templates from Bootstrap’s website, such as the navigation bar and some button stylings.
- Anime.js
 - I chose Animate because I wanted to incorporate some animations on my website, and Animate was one of the more widely used libraries. There are also more tutorials on how to create animations using Anime.js.

- I used Animate to create an ongoing loop to display my interests on the home page. I also used Animate to create a smooth scrolling motion when a button is clicked to scroll to another position on the page.
- Anime.js added smooth animations to my website, making it more engaging and interesting to look at. The animations also make the website and the user experience feel more modern.
- JQuery
 - I used JQuery because some of the Bootstrap interactions are done in JQuery. It also made the JavaScript code more intuitive and concise.
 - I used JQuery to create interactions such as scrolling animations and a collapsable menu.
 - JQuery doesn't directly add to the interface of my website, but it supports the interactions and animations I have.

Part 4 - Prototype Iteration

In my original medium fidelity prototype, I didn't include an animation on the home page, but I decided to add an animation to make the website more engaging. Overall, my other implementations were consistent with what I had in my original prototype.

Part 5 - Challenges

I faced some challenges with adding JavaScript functions and having errors, which prevented the site from loading properly. At first I was confused where the error was coming from, but the inspect tool helped me a lot in identifying which exact line the error occurred. I also had some trouble learning how to use Bootstrap because it was my first time using the framework.