

Mingtianfang Li  
CS5610- Project 1

Github Repo: [https://github.com/Mingtianfang-Li/CS5610\\_Project1](https://github.com/Mingtianfang-Li/CS5610_Project1)

Github Page: [https://mingtianfang-li.github.io/CS5610\\_Project1](https://mingtianfang-li.github.io/CS5610_Project1)

- A writeup responding to the following questions and ideas(at least 3 sentences per bullet point):

- What was the most challenging piece of this assignment? Did you find it easy or challenging to work with HTML and CSS? How long did this overall assignment take you?

I faced challenges while implementing responsive design, especially when trying to adjust the grid layout for mobile screens. It was a balancing act between aesthetics and usability, which often led to CSS conflicts that required careful troubleshooting. Despite these difficulties, the process taught me valuable lessons about the importance of responsive design principles and how they contribute to a better user experience.

- What decisions did you make when you made your site mobile friendly?

I prioritized a responsive layout that would adapt seamlessly to various screen sizes by using CSS Grid and Flexbox for a flexible structure. I implemented media queries to adjust font sizes and padding, ensuring readability and ease of navigation on smaller screens. Additionally, I simplified the navigation menu by utilizing a hamburger menu, which conserved space while maintaining accessibility, thereby improving the overall user experience.

- What did you take into account when you developed the *design* of your website? Is there anything that you're particularly proud of?

I focused on the overall user experience, ensuring clear navigation and a clean aesthetic that made information easily accessible. I carefully selected

color choices for contrast and readability while maintaining visual appeal. I am particularly proud of the cohesive layout across all pages, which creates a consistent structure for users, and the attention to detail in hover effects that enhance the interactivity and polish of the site.

- Given more time or resources, what additional features would you add to your site in the future?

If given more time or resources, I would add a blog section to my website for sharing insights, tutorials, and updates about my projects, which would engage visitors more dynamically. Additionally, I would consider integrating a portfolio showcase that highlights my projects with interactive elements, making the site visually appealing and providing tangible examples of my skills.

- How many hours did you spend on this assignment?

I spent approximately 15 hours on this assignment, which included planning the layout, coding the HTML and CSS, testing responsiveness, and refining the overall design.

- (Optional) If you made any assumptions about this assignment, what are they

I assumed users would primarily access my site on desktop devices