

Assignment 8. Prototyping your Final Project(Part 2)

Jongyeon Chae

Link to Github

<https://github.com/jongyeonchae/pui-final>

Link to Website

<https://jongyeonchae.github.io/pui-final/>

Project Overview

Part 1

I built a portfolio website to showcase my work to potential employers. As I am planning to get a job in the States after graduation, it is essential to have an online portfolio that contains my perspective on design and technology. Having an industrial design background, I wanted to introduce myself as a multidisciplinary designer who likes to design at the intersection of two-dimension and three-dimension areas. Thus, on the homepage, I wrote down a brief introduction of myself: "I am enthusiastic about creating experience utilizing capabilities of physical & digital elements". This will help the visitors to understand what type of designer I am at a glance.

The potential visitors to my website would be recruiters, designers, and hiring managers. As I expect that they won't spend more than 3 minutes on my website, I wanted to make the website easy to navigate. Thus, below the brief introduction of myself, I placed the selected work which aligns with my statement. If the visitors are triggered by my introduction, they could easily find more about me by clicking on the project.

For the selected project, I chose "Lastfit" which is a service platform for male bespoke shoes. I chose this since it was the project in which I designed both physical and digital products. One of the things that I took into consideration was to show the design process. I wanted to show my ability to carry out finding the users' needs and build interfaces. I expect that this would make the employees follow my thoughts and all the important decisions I made during the project.

Overall, I think this could be a good portfolio to introduce myself to the employees. I am also planning to add more projects during the winter break to strengthen my storytelling.

Part 2

- On the home page, click “Resume” in the navigation bar to view and download my resume.
- On the home page, hover the mouse over the bold fonts(CMU MHCI, physical & digital elements) to view hidden stickers.
- On the home page, click the image in the selected project section to navigate to the project detail page.
- On the project detail page, scroll down to read the project details and click the “Top” button on the right bottom side of the page to anchor to the top.
- On the project detail page, click “Jongyeon Chae” in the navigation bar to go to the home page.

Part 3

1. Bootstrap

I chose to use Bootstrap to make my portfolio responsive. As Bootstrap provides pre-defined grids, I could utilize them by adding the class name on my HTML files. For example, I wrote down “col-sm-12” or “col-sm-6” to align my elements in one or two columns. Also, because it is built on top of the flexbox, I could easily define how to align my texts or images inside of the div block. Lastly, I was able to utilize components that already existed in Bootstrap such as the navigation bar which I could not only benefit from aligning the menu but also making my website more accessible since it is a semantic tag.

2. Animate on Scroll JS

I imported an external Javascript library called “Animate on Scroll JS” to implement animation for loading content. Basically, it listens to the scroll event and when people scroll down, it displays the content with animation with variation options. I used the fade-up option with a certain duration time so that it could look like appearing from the bottom of the screen. I think it works well with my portfolio since the animation draws attention from the users which might make to naturally read the following content.

3. Google fonts

To utilize custom fonts for my personal website, I imported Poppins and Playfair display fonts from google fonts. This is a part of my personal branding which I am planning to describe more in the future improvement, but to put it in a nutshell, Poppins has the most circle “O” character and it represents my preference in geometrical figures.

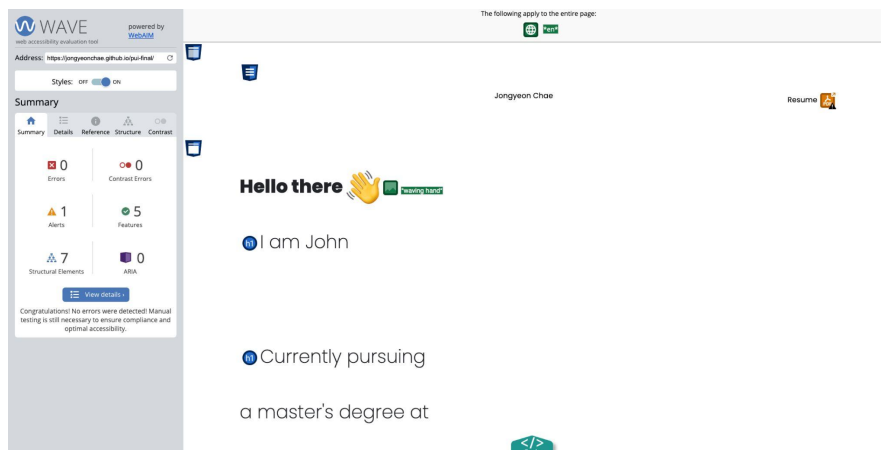
Part 4

As for the iteration, I made a few changes from the homework 7 mockups to provide more information and increase usability. For instance, I added a resume page since I wanted the employees to get more information about my past careers. Also, on the home page, I changed some text weight into bold typeface to provide clear affordance of hover over effect. Since the bold texts provide related stickers on the right side of them, I think visitors would get a sense of what to expect from them.

Part 5

One of the challenges that I confronted while implementing the portfolio website was embedding external libraries without errors. Especially, I had to spend lots of time fixing the hover over effect since it was activated when “clicked” rather than the “hover” event. Going through lots of trials and errors and with the help of Stack Overflow, I figured out that Bootstrap should be declared first so that it doesn’t override any other CSS or Javascript codes that I wrote. After all, it was a simple solution but it taught me a lot in terms of writing codes and understanding how it is implemented.

Accessibility Check



WAVE

powered by

web accessibility evaluation tool

Address: <https://jongyeonchoe.github.io/resume/>

Styles: on

Details

Summary

Details

Reference

Structure

Contrast

1 Alerts

1 X Link to PDF document

5 Features

1 X Alternative text

1 X Linked image with alternative text

1 X Language

7 Structural Elements

1 X Heading level

1 X Header

1 X Navigation

1 X Main content

1 X Footer

If an icon does not appear within the page, turn off Styles above to view it.

The following apply to the entire page:

Jongyeon Choe

Resume

Hello there

I am John

Currently pursuing a master's degree at

CMU MHCI

WAVE

powered by

web accessibility evaluation tool

Address: <https://jongyeonchoe.github.io/resume/>

Styles: on

Structure

Summary

Details

Reference

Structure

Contrast

Header

Navigation

Main

I am John

Currently pursuing a master's degree at

I am enthusiastic about creating experience utilizing capabilities of

Footer

The following apply to the entire page:

Jongyeon Choe

Resume

Hello there

I am John

Currently pursuing a master's degree at

CMU MHCI

WAVE

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web accessibility evaluation tool

Address: <https://jongyeonchoe.github.io/resume/>

Styles: on

Summary

Summary

Details

Reference

Structure

Contrast

0 Errors

0 Contrast Errors

1 Alerts

18 Features

9 Structural Elements

0 Misc

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

The following apply to the entire page:

Jongyeon Choe

Resume

W WAVE

powered by

WAVE

Address: [https://jongsunchoi.github.io/wave/](#)

Style: on

Details

Summary Details Reference Structure Contrast

1 Alerts

1 X Link to PDF document

18 Features

17 X Alternative text

1 X Language

9 Structural Elements

1 X Heading level 1

4 X Heading level 2

1 X Header

1 X Navigation

1 X Main content

1 X Footer


If an item does not appear within the page, turn off Xitem above to view it.

The following apply to the entire page:

1 Xitem apply to entire page

Jongsun Choi

Resume



1 Xitem apply to entire page

W WAVE

powered by

WAVE

Address: [https://jongsunchoi.github.io/wave/](#)

Style: on

Structure

Summary Details Reference Structure Contrast

Header

Navigation

Main

Field Research

Project goals

Concept Refinement

UI Design


Footer

The following apply to the entire page:

1 Xitem apply to entire page

Jongsun Choi

Resume



1 Xitem apply to entire page