Adrian Shin (jisues)

Link to finished website: jisueshin.github.io/Portfolio/

<p style="text-align:center">PUI FP Write-Up</p>

Responsiveness:

- **All pages** will accommodate a mobile screen with max-width **350px**
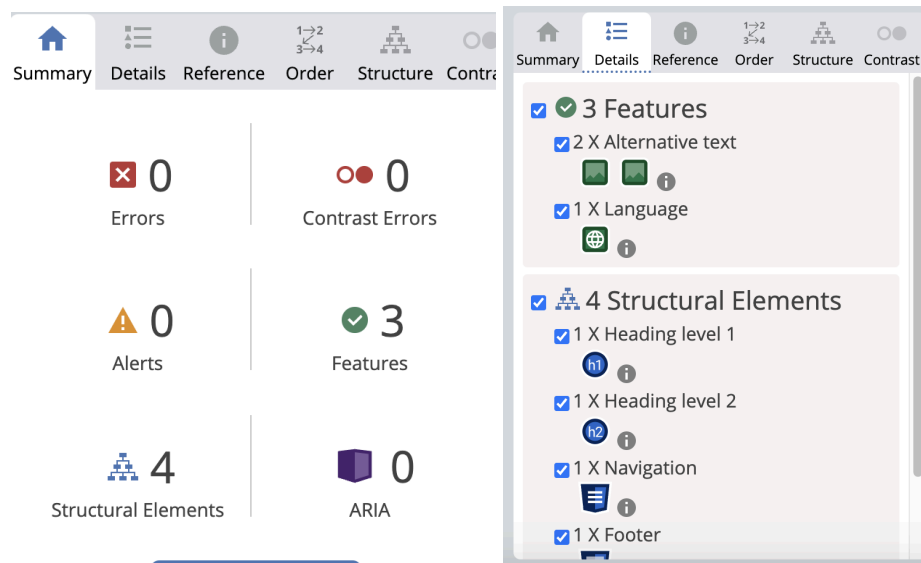
There are a few additional media query breakpoints for each page, intended to accommodate smaller screen sizes on the computer:

- **Home page:** 900px, 500px
- **Work page:** 1000px, 600px
- **About me page:** 800px
- **Project detail page:** 700px

Accessibility:
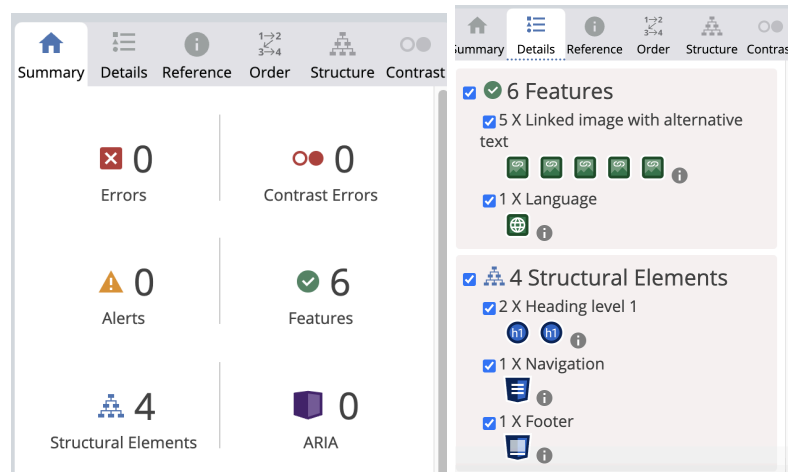
- **Home page**
  - ○

Adrian Shin (jisues)

Link to finished website: jisueshin.github.io/Portfolio/
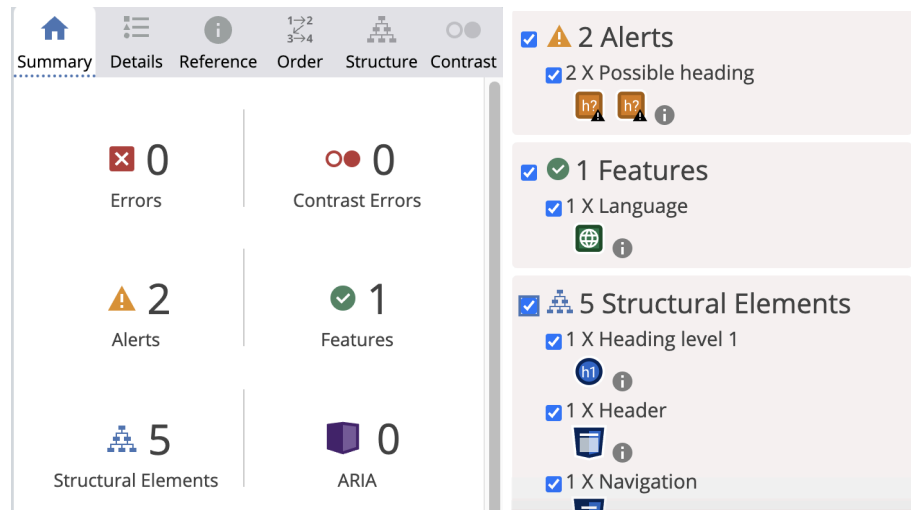
- **Work page:**
  - ○

- **Project detail pages (all have same HTML and JS file):**
  - ○

    (I noticed that there were alerts for possible headings, but I found that the information in those elements were more aligned with lower-level text in the headings and didn't need to be headers)

Adrian Shin (jisues)

Link to finished website: jisueshin.github.io/Portfolio/

- **About me page:**
  -

Adrian Shin (jisues)

Link to finished website: jisueshin.github.io/Portfolio/

Part I

The primary purpose of my website is a portfolio for my academic and professional experiences. Through this website, I wanted to showcase various projects I have worked on in the past to provide viewers with insight regarding my interests and skill set. In addition, unlike other professional material such as my resume, I hoped that my portfolio would help viewers learn more about me in a more informal and candid manner. The primary target audience I had in mind were potential employers or academic collaborators who might be interested in learning more about my background in depth. A reason I was particularly interested in creating a portfolio for this project was because I believed that as a website is more "visual" in nature than a written resume or cover letter, aspects of the design or the general "feel" of the portfolio could also communicate aspects of myself to my target audience.

I aimed to make the content of the portfolio more interesting and insightful to viewers by presenting personal photos of my work and providing materials such as videos and blog posts I had published in addition to written descriptions of projects. In consideration of my target audience, I wanted to create a "clean" and professional feel to my portfolio, but make use of color and small animations to make the website more engaging and appealing to viewers as well.

Part II

Home page:
- Users can interact with the navigation bar on the top of the website to click through different pages on my website. The navigation bar remains consistent across all pages on the website.
- Users can also scroll downwards on the home page to reveal two projects I have recently worked on. As the user scrolls downwards, the projects are animated to appear one by one.
- Users can click on the "see-more" line on each project on the home page to be taken to specific detail pages for each project.

Work page:
- As the user scrolls downwards, new projects will be revealed as well, gradually filling the page with a grid of my past projects. Similarly to the home page, the projects are animated to slowly appear on the page as the user scrolls.
- Users can hover over pictures of projects and the project's title will light up in "blue", indicating that they are clickable. When the user clicks on the project, they will be taken to pages for detailed descriptions of the projects or external links showcasing the project in depth.

Project detail pages:
- As a user scrolls downwards through the text in the detail pages of each project, an image from the project will be animated to appear slowly onto the page.

Adrian Shin (jisues)

Link to finished website: jisueshin.github.io/Portfolio/

Part III

- Animations
- I chose to use Javascript animations because I wanted to elevate the layout to be more engaging for the viewers. By adding simple transitions revealing images, the layout could appear not only more engaging, but also more professional. I also hoped to expand my knowledge of using Javascript for front-end coding.
- The animations were used to slowly reveal images as the user scrolled downwards. Rather than an image statically appearing on the page, it moves up into view and becomes clearer with the opacity increasing.
- The animation makes my website appear more engaging and polished even with a relatively simple layout of content. I also hoped that once users saw that elements were revealed as they scrolled downwards, they would be more motivated to continue reading the content on various pages.

Part IV

In my earlier prototypes of the website, the home page included simple bits of text about myself, but did not directly showcase my work. After receiving feedback that it would be much more helpful to include specific examples of my previous work on the home page to immediately showcase my experiences and grab the attention of viewers, I iterated through various layouts that displayed my projects in some form on the landing page underneath a brief introductory text. I considered various feedback informing me that my page appeared too crowded or rigid, and produced the final version of the layout where just two sample pages are revealed as the user scrolls downward.

I had also previously planned to showcase my research work and other term projects on two separate pages, but I received feedback that a single page in which viewers could find all my previous work (with some level of organization to differentiate them) would be much more helpful. I implemented this feedback and also removed long pieces of text regarding individual projects into their own detail pages so that the website could appear less crowded.

Part V

One of the strongest challenges I encountered was efficiently storing large amounts of information regarding projects and various other data. To navigate this, I looked back upon previous homework assignments in which we utilized a separate JS file to store all information regarding cinnamon rolls, then implemented a similar database mechanism to store my projects as objects with informational properties.

In addition, because of the large amounts of text and various images many of my pages contained, I found it very challenging to implement responsiveness to accommodate smaller screens. This required me to experiment with various layout changes and removing certain elements to find the right balance.