Link to Project

Site Link: https://janellewen.github.io/homework_8/index.html
Github Link: https://github.com/janellewen/janellewen.github.io/tree/main/homework_8

Part 1

I.   The purpose of the site is to showcase my design work and process for recruiters and hiring managers. It will be the link that I submit with job applications.
II.   I hope to convey my design style and what my capabilities are. Structurally, I have a home page for viewers to dive into my work, and an information page that describes who I am and what my experience includes. For the project pages, I tried to be as clear as possible with the role I had for each and what I contributed.
III. My past portfolios were quite static and sterile, so for this version, I tried playing with bolder fonts and colors. (The the colorful gradient was a bold move for me!) I tried to use animations and motion that wouldn't detract, but still added some spice. From there, I hope my work can speak for itself. As I develop my portfolio more, I will add more process and images.
IV.   As mentioned above, I built my portfolio to share my work to recruiters and hiring managers. In terms of writing style, I kept formal enough to be taken seriously, but casual enough to seem like a normal person. My site design is "different," but not too "out-there" so that it's off-putting or distancing.

Part 2

- **Interaction**: Scroll to reveal components on page
- **How to reproduce**: Load any page and scroll down to reveal

- **Interaction**: Project image reveal
- **How to reproduce**: On index page, hover project title to show project image

- **Interaction**: Scroll to top
- **How to reproduce**: On any page, scroll down and click chevron in bottom right corner to scroll back up

- **Interaction**: Previous / next buttons
- **How to reproduce**: On project pages, hover buttons and click to navigate to Dashboard and Iris projects

- **Interaction**: Scroll progress indicator
- **How to reproduce**: On project pages, scroll down the page. The bar on the top will fill as the viewer moves further down.

Part 3

- **Name**: Bootstrap (https://getbootstrap.com/)
- **Why choose**: It was advocated by my peers (and in lab) as really easy to use. With my struggles with flexbox last assignment, I decided to try Bootstrap.

- **How use**: I used Bootstrap primarily to create my grid. I also used their icons (chevron for scroll to top), the navigation section, and their previous and next button. It was nice to just add classes to divs to adjust, or in the case of the icons or buttons, snippets of code.
- **What it adds**: It provided a beautiful grid. After the long time it took for me to actually figure out, it was easy to adjust and make changes without breaking. Additionally, it reduced a lot of the spacing adjustments and fine-tuning. I was happy with the result.

- **Name**: Scroll Reveal (https://scrollrevealjs.org/)
- **Why choose**: This JS library was suggested in class and it was exactly what I imagined for subtle motion.
- **How use**: I applied scroll reveal on each div, so that every part of the page would reveal one at a time when the viewer scrolls.
- **What it adds**: It adds a sense of focus to what is displayed, one piece at a time. It also adds an elegant reveal and presentation of what comes next.

- **Name**: Typed JS (https://mattboldt.com/demos/typed-js/, https://codepen.io/merb/pen/yOwJjj)
- **Why choose**: It seemed simple to implement, and I was looking for a some motion to use for my headline. I've seen this animation on other portfolios and was looking for this JS library for a while.
- **How use**: I added a span element in the HTML where I wanted the typing, insert JS to add strings, adjust typing speed, etc., and added CSS to style cursor blinking
- **What it adds**: I was excited to use this because it added a bit of motion and personality right when my site loads. It's a fun and engaging way to add more about me.

Part 4

I tried to keep my design as close as I could to the HW7 mockups. I adjusted padding in between sections, so spacing is not entirely the same. I added previous and next buttons and scroll to top to ease navigation through pages. Lastly, I changed the headline of my index page to make it more compelling.

Part 5

Bootstrap was the first thing I tackled and it took me a long time to figure out (but once I did, it was smooth sailing). Additionally, I had a lot of difficulty making sure the different JS libraries were working properly. I learned to read documentation to a tee to make sure things would reproduce in my site. It was a lot of trial, error, and adjustment overall.

Side Note

I wanted to bring attention to the code validation. I've run my code through HTML and CSS Validators and the only error I've encountered is regarding my index page links to projects:

Error Element `div` not allowed as child of element `a` in this context. (Suppressing further errors from this subtree.)

From line 120, column 29; to line 120, column 59

```
            <div class="hover-index-image">Conque
```

I've looked at sources and including a `div` within an `a` element is valid.