

# Part 1

This site is a portfolio site for me. I want my portfolio site to help visitors learn about my process, my experience, who I am as a person, and how to contact me. I hope to convey my UX process by detailing two different projects I have completed in the past. I have included a resume page and an about me page to describe my experience and who I am, respectively. I anticipate most visitors to my site will be hiring managers or recruiters. Visitors will be able to view my site on both mobile and desktop, which will be especially useful for hiring managers on the go. My portfolio site is engaging through its use of animation and color. The text animations are not overwhelming to not distract readers, but they encourage users to keep scrolling to read more. By using different colored backgrounds, I draw the visitor's eye to sections of the project details pages so that visitors can skim to the most important parts of my portfolio.

## Part 2

- **Parallax scrolling**
  - Scroll on the projects page or about me page and watch the header image.
  - Scroll on the "Plano Public Library To Go" or "Goodreads Redesign" pages and watch the background image behind the problem section of each page.
- **Navbar navigation**
  - Click on the navbar links on any page to navigate to different pages.
- **Using images to navigate**
  - Click on the yellow boxes on the projects page to navigate to either project.
- **Buttons**
  - Scroll to the bottom of the "Plano Public Library To Go" page and click on the "View Prototype" button to navigate to a Figma prototype.
  - Scroll to the bottom of the "Goodreads Redesign" page and click on the "View Mockup" button to navigate to a Figma mockup.
- **Slideshow**
  - Scroll to the solution section on either the "Plano Public Library To Go" or "Goodreads Redesign" pages to see the slideshow. Click the left and right arrows to interact with the slideshow.
- **Scroll animation**
  - Scroll down on either the "Plano Public Library To Go," "Goodreads Redesign," and resume pages to see each text section float up and increase in opacity as you scroll.
- **Animation on page load**
  - Navigate to any page and watch as the header fades in as the page loads.
- **Responsive design**
  - Navigate to any page and increase or decrease the width of the page to see the elements on the page resize to fit the screen width.
  - Navigate to the resume page and reduce the width of the browser to less than 600px. Watch as the column on the right merges into the left column. Click on the blue text to expand each section.

## Part 3

### **Greensock**

I used Greensock to add animations to my site that can be activated by scrolling. I applied this library's animation tools to almost all pages of my site to reveal text and other content as the user scrolls down. This animation adds interactivity to my website and makes the user interested in scrolling down to read more content. It also helps the user focus more on the text that is in the center of the screen and keeps the webpage looking clean.

### **Bootstrap**

I used Bootstrap to help me create a responsive website and add responsive elements to my site. I applied the Bootstrap grid layout to most of my pages and included Bootstrap elements like the navbar and carousel. These responsive elements help people view this site on any screen size.

### **Animate.css**

I used Animate.css for simple fade-in animations that didn't need to be controlled by scrolling. I found that Animate.css was more lightweight than Greensock. I applied the animations in this library to the headers of most pages to fade in the header elements as the page loads. This library helped me create smooth transitions between pages that add a layer of polish to my portfolio site.

## Part 4

I changed my original design by rearranging some pages to make more sense. Originally I had my resume and about me section on the same page, leaving the contact page mostly empty with only a few links to my LinkedIn profile and email. After researching other portfolios, I merged the contact and about me sections into one page and created a new page for my resume. I also added more visual polish to HW 8, like background images and animations, as well as another project page.

## Part 5

Web design and development is very new to me, so I did not have a lot of background knowledge on what libraries would best suit my project. The thing that was most time-consuming for me was researching different libraries and making sure that they would help me implement what I wanted to implement. For instance, I initially wanted to use Splide to create a custom responsive carousel, but I had to remove it once I realized I could not customize its slideshows in the way I wanted. Even with the libraries I did use, learning how to use them and their best practices were took more time than I expected.