

Assignment 8 - Implementing a Web Portfolio (Final Project Pt. 2)

Part 1: Project Description

The purpose for my website is to showcase a web portfolio for my housemate Ashton Jones, an art student at Carnegie Mellon concentrating in photography. The website is a portfolio highlighting her different photo projects.

Information is conveyed through Ashton's bio, photo projects with descriptions, and contact information. Most of Ashton's portfolio information is in the form of photos, so the website tries to display those photos as much as possible. The about page is filled with photos from different projects to have the user interact with a lot of Ashton's different art projects, while not being overwhelming. Similarly, the project specific pages displays all the photos from that project.

The website is interesting and engaging in many ways. On the about page, I have the photos from different projects constantly moving slowly either up or down (depending on grid column number) to have the user engage with many of Ashton's different works. The photos have color when the user hovers on the photo in order to have the user focus on one main photo at a time. On the project browsing page, the project photos slide in from the left or right when a user clicks on the arrows to scroll through projects. Also, if the user doesn't toggle through the project browse after a while, the carousel will automatically transition to the next project, ensuring the user continues to engage. When the user selects on the project photo, the photo pulses and expands to reveal the project detail page. The navigation bar is constantly in a user's view, so the project browse page forms at the bottom of the project detail page (when a user clicks through the arrows, it will route back to the product browse page).

The target audience is job recruiters for Ashton. Since the website displays her photo portfolio, recruiters can use this to look through her work and hopefully extend an interview or job offer.

Part 2: Interaction Features

- On About Page
 - Time transitions for photos: click on About page in navigation bar, view moving photos
 - Coloring of photos on hover: when on About page, hover over each image to get it in color

Dina Razek

drazek

- On Project Browse Page
 - Carousel: click on Projects page in navigation bar, click on left or right arrows to scroll through different projects.
 - Pulsed image: when on Projects page, click on a project image to show pulse and expansion into project detail page.
- On Project Detail Page
 - Look through page to see project content

Part 3: External Tools

I used two main external tools: Bootstrap and CSS animations. I chose to use Bootstrap because it simplified a lot of the technical work to be done to create the HTML and some interactive elements. I chose to use CSS animations to give the website a little bit of life. Bootstrap was used to create the responsiveness of my website, while CSS animations were used to animate elements in different ways (pulse and time transitions).

Part 4: Iteration of HW7

I changed some of the layout when transitioning from HW7 to HW8. I edited the navigation bar by placing Ashton's name on the left, with the navigation elements on the right, as opposed to the centered view I had of the two in HW7. I also changed the carousel on the project browse page to only show one project image at a time, so the user can focus on each project as opposed to viewing three at once.

Part 5: Challenges

There was a steep learning curve in understanding how to manipulate Bootstrap class templates to fit my needs. I had to change some of my design in order to account for some lack of flexibility, which proved to be very challenging.

Link to Github Page and Github Repository

[Github Page](#)

[Github Repository](#)