

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 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). Also, on the contact page, the cards pulse to indicate their ability to be clicked, which constantly engages the user and encourages viewing the links.

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 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 (expansion occurs on project detail page).
- On Project Detail Page

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- Look through the page to see project content (did not want animated elements to distract from photos).
- Ability to browse through project carousel at the bottom of the page, with the same view of the project browse page.
- On Contact Page
 - Pulsing contact cards: when the page loads, the three contact cards - Instagram handle, email, and address - pulse to indicate their ability to be clicked. Each card links to the appropriate location.

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 and structure 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. Lastly, I decided to not move the photos on the About page based on feedback from my Assignment 7 prototype that it may be difficult for users to see.

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](#)

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