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FP 4: Final Project Write-up

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Part 1: Website Description

The website is a personal portfolio with a similar interface to the Apple Watch. It includes projects, experiences, contact information, and some background about myself.

Projects

In this section, I showcase two projects I have recently worked on through videos and brief descriptions. When the user clicks on 'Projects' in the home page, other buttons fade out, and the page navigates to a new page. Within the 'Projects' page, the videos automatically play, and the user can interact with and learn more about each project by clicking the three dots under each video.

Experience

The 'Experience' page shows and describes different projects and roles I have completed. It includes slideshows that explains the roles and what I accomplished during each one. The user can interact with the slideshow by clicking the arrows on both sides of the slide.

Contact

The 'Contact' page is has links that navigate to external pages, including my Github repository and my LinkedIn profile. The user can find these links by hovering over each card that displays a different social media or contact form. On hover, the card flips to reveal the link.

About

This page gives a brief introduction of myself and what I am studying. It does not have any animations or interactions.

For all of the pages, my name is in the center of the page, and when a user clicks it, they will navigate back to the home page.

The target audience for this personal portfolio is job recruiters and myself. The portfolio is a great way to exhibit my skills through projects and experiences and also a way to contact me about any opportunities. The portfolio is also a way for me to keep track of my progress and a place to view my achievements.

Part 2: Website Interactions

Apple Watch Interface Hover:

- Navigate to the home page
- Hover over various buttons

Button Navigation

- Click on any button on the home page
- Button will move across the screen and land on new position for selected screen

Projects Page Read More

- Click on the 'Projects' button
- Scroll to the first project
- Click on the three dots under the video

Experience Page Slideshow

- Click on the 'Experience' button
- Scroll to the first experience
- Click the arrows on the right or left side of the screen to navigate through the slideshow

Contact Page Card Flips

- Click on the 'Contact' button
- Hover over the different cards
- Click on a link to navigate to an external link

Part 3: External Tools

    I used a JavaScript library, JQuery, because it was easy to learn and apply to my website. It also allows for many different animations and is very customizable. I used the library to create animations, including the transitions when navigating to a new page. For example, when a user selects a button, the other buttons fade out of frame. It adds more movement and animation to my website. Specifically, instead of having quick transitions, JQuery has allowed me to make more interesting and lively animations.

Part 4: Prototype Interactions

    My original design was very similar to the Apple Watch interface. Specifically, I had a menu of "bubbles" that would navigate to different pages on click. However, I did not have enough sections to fill the amount of bubbles that were required to achieve the same

effect as the Apple Watch. I decided to change the layout but keep the same functionality of hovering over buttons and increasing its size.

Part 5: Challenges

Some challenges I faced were incorporating JavaScript libraries, implementing multiple pages, and adding CSS animations. Many JavaScript libraries I experimented with were hard to learn or did not have enough documentation. With multiple pages in my website, it was difficult to keep track of which one I was working on and how to connect all of them. Adding functionality like flipping the card was difficult to implement with CSS because it was closely paired with JavaScript.