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PUI HW8

GitHub Pages: [LINK](#)
GitHub Repo: [LINK](#)

Part 1:

I created a portfolio site to set the foundations for my future portfolio site that I will show to prospective companies that I plan to work at. These would likely be larger tech companies, my target audience, where I can take on a UI/UX design role. To make the site more visually engaging, I chose to use a minimalistic, more image-focused design, as well as a dark color scheme: in this way, I hoped to make the site easily scannable, without overloading on text. The information I intend to convey ideally is my skill in designing and implementing, as well as my experiences in other projects and work that could appeal to my target companies.

Part 2:
- *Greensock (GSAP) Animations*
    - **Enter Animation:** Upon entering the Index page, you will see text animation in the header below the navbar (fade-in)
    - **Navbar Scroll:** Upon entering the index page, scroll down to the first section or click to any section in the top horizontal navbar and the horizontal navbar will switch to a vertical navbar on the left
    - **Scroll Section Progress:** Scroll through the sections of the index page (Portfolio, About, Side Projects) to see each section highlighted in the vertical navbar
    - **Image Animation:** Images will fade in when scrolling down to them
    - **Hover:** Hover over navbar elements and index page images (clickable elements) and they will expand dynamically
- **Responsive Navbar (CSS animation):** When window size is 768 or less (tablet/mobile), the index page navbar collapses to an expandable hamburger menu

Part 3:
- **Name of tool:** Greensock (GSAP)
- **Why:** It allows for more control over animation, and was relatively intuitive to learn.
- **How:** I used it to implement all animations described above, other than for the collapsing navbar animation (used CSS).
- **What it Adds:** GSAP allowed me to add smooth section by section scrolling animations, as well as hover animations, all of which add dynamism to my site.

Part 4:
I kept the design essentially the same as my initial prototype, as I was already satisfied with the visual design.

Part 5:

- The animations I used in both CSS and Greensock were particularly buggy, and it was often difficult to find the reason why specific elements and functions were not working properly.
- It was also challenging to ensure that my site was responsive and correctly formatted in mobile screens, and it took me longer than I expected to be able to use CSS media queries correctly.