

PUI Assignment 8 WriteUp

Part 1

The purpose of my website is to showcase my work and function as a portfolio. I would like to include some case studies and side projects. The information I want to convey is that I can show my past experience with both programming and design. I tried to incorporate subtle transitions and animations to make it look engaging. The target audience is graduate admission committee and recruiters.

Part 2

- The introductory sentence (index page)
 - Just look at the typing effect
- Project Banners (index page)
 - Click on the image/title to go to respective project pages
- Navigation bar
 - Click the menu and submenus to view my case studies and side projects
- Footer
 - Click the social icons to go to links
- Image display on the left (project pages)
 - If multiple images, scroll down and you will see the right panel sticks at original position

Part 3

I credited these awesome people in the index.html file.

Name

- Stream Bootstrap UI Library (<https://htmlstream.com/preview/stream-ui-kit/>)

Why you chose to use it?

- I did a lot design system work during my previous internship and it made me realize that it is very hard to come up with a design system with consistent visuals in a short time. Therefore, I decided to stand on the shoulders of the giants by applying existing Bootstrap libraries rather than rebuild the wheels.

How you used it?

- I imported the assets, scrutinized the css and javascript, and modified the code to customize the UIs to my desired style.

What it adds to your website?

- It gives my website consistent visuals and good responsiveness on different screens. In addition, it has some nice properties to position the white space up and below a block, which I have been struggled a lot when I tried to build my portfolio based upon SquareSpace before.

Name

- Animate CSS Library (<https://daneden.github.io/animate.css/>)

Why you chose to use it?

- It is a very well-known CSS animation library. It has a good reputation being mature and reliable and I need some hover effects to make the interactions feel more natural.

How you used it?

- It is used on hover effects and nice transitions on elements after loading.

What it adds to your website?

- It is used on hover effects and nice transitions on elements after loading. For example, the smooth pop-up effects of the image displays are from the library.

Name

- Cube Portfolio jQuery Library (<http://scriptpie.com/cubeportfolio/live-preview/>)

Why you chose to use it?

- I chose to use it because it is initially designed for designers to have a beautiful grid layouts on their portfolio. I need this responsiveness and fluidity.

How you used it?

- I included the css files into my assets and use the corresponding tags on my html elements. It shows a basic grid system with good responsiveness.

What it adds to your website?

- The banner grids are shown in the basic grids it provides. It gives a consistent style to my home page.

Name

- Typed Javascript Library (<https://mattboldt.com/demos/typed-js/>)

Why you chose to use it?

- I have several majors and minor and I do not want them to take too much space. Therefore, I use it to display one at a time.

How you used it?

- I followed their documentation and incorporated the js code into my index.html page. I show one major at a time.

What it adds to your website?

- It adds some playful factors to my website. It immediately catches people's attention.

Part 4

I did not implement the filter function as described in HW7 because I do not have that many projects to show. And I added some typing effect to my home page.

Part 5

I met two big challenges during my implementation. First, I had to understand and self-teach how API's and frameworks work. Second, I struggled a bit on the typing effect because I at first forgot to include the js init at the end of the html file.