

PUI FP Write Up

- Part 1:
 - I decided to code a personal website as the final project so the main purpose of my website is to showcase to people who don't really know me some general information and interesting facts about myself. The main target audience are just people who want to learn more about me, it is not intended to be a professional portfolio. The website consists of 4 parts: Home page, About page, Experiences page, and Hobbies page. The About page has a three paragraph introduction section that I wrote that contains some general information about me. The Experiences section has 4 interesting student organizations and internships that I am involved in. For the Hobbies section I picked 4 hobbies and illustrated it with image and text. I think my website is interesting and engaging as it makes good use of images, has cool animation effects, and is interactive.
- Part 2:
 - VQ. clickable logo
 - Users can click on the VQ. logo at the top left and it will take you back to the Home page
 - Color change menu lists
 - Whenever a user hover their mouse over to any of the menu list on the navigation bar, the color will change from white to dark blue
 - Clickable menu lists
 - Users can click on the menu list and it will take you to the respective page
 - Resume button
 - The resume button on the Home and About page will change color when the user hovers over and when users click on it, it will take the user to the linked PDF version of my resume
 - Experience light up box
 - When users hover their mouse over to one of the experiences listed, the respective box will change its background color
 - Hobbies light up circle
 - When users hover their mouse over to one of the hobbies, the background color of the box will change and the color of the border of the circle will also change
- Part 3:
 - Typed.js (a javascript library)
 - I chose to use this tool because Typed.js can add typing animation to a target element and customize the typing speed which is a very cool tool
 - I first initialize the Typed.js plugin and specify the target element that I want to add the typing animation to, which is the span element with the typing class in my html file. Then I specify the strings I want to display, the typing speed, the backspacing speed, and whether to loop the animation or not. Lastly, I included the script and Typed.js library in my html files.

- I think this external tool was able to add eye-catching elements into my website and makes the target audience feel the website is more interesting.
- Part 4:
 - Iteration 1: I coded the website following the sequence of Home page -> About Page -> Experiences Page -> Hobbies page. I start with the html file and when I have a part of the content in, I start the css styling and make adjustments so that it looks like my prototype.
 - Iteration 2: I think my final website closely resembles my high fidelity prototype design so for the second iteration I focused more on the interactive elements. I added color changing effects to clickable icons and further refined the images used in the website.
 - Iteration 3: My last iteration focused on learning the typing test animation effect and making the website responsive. You can text the website on two different screen sizes: "Next Hub Max" and "iPad Pro".
- Part 5:
 - Having very limited coding experience (only took 15110 in freshman year) definitely made the project pretty challenging for me. I think the hardest part was how to arrange the different html elements and style them with appropriate css codes to make it similar to my prototype. Sometimes, it would take me multiple attempts to make sure the elements are in the right place and are also responsive to different screen sizes. I also wanted to make the website visually pleasing, so I also put work into making the images of various shapes and colors.