

PUI HW7 Writeup

Rich's Portfolio 2018

Website is available at: ruiqizhu.github.io

Part 1: Describe your website in 300 words

1. What is the purpose of your website?

The goal of my website is to build a platform to present myself to the online world, who I am, the things that I love, and the works that I have done. I hope that I can use my portfolio to help me find better career opportunities, find likeminded friends who share the same passion, and also serve as an inspiration for myself to understand what I enjoy and what dreams I want to pursue.

2. What information do you convey with your website?

I will display some basic information of myself with texts, images, my resume, and videos. Furthermore, I choose 9 of my projects that I am most proud of and I provide detailed information on what the project is about, what goals it aims to accomplish, and the process of developing the project, the results, and its future.

3. How is it interesting and engaging?

I try to make my portfolio interesting by putting lots of visual elements like images, videos, animations, and using front-end framework. I use a grid structure to organize my projects and the animation effects will make the experience more visually appealing and enjoyable.

4. Who is the target audience?

The target audiences are my friends, people who want to know more about me, tech company HRs, and people who are interested in my projects.

Part 2: Ways of Interaction

- My projects are displayed in a grid structure. The animation will be activated when the user hovers his/her mouse on the grid.
- Click on the project picture to enter the page with more detailed info of the project.
- Click on the "About" section on the nav bar to enter the about page.
- Click on "Resume" to see my resume and "LinkedIn" to see my LinkedIn page.
- Click on "Contact" to send emails to me directly.

Part 3: External Tools

- I used a Javascript library called `dunked speedyrails` because it adds special animation effect to the portfolio and makes it look engaging. I gained much inspiration from Mike Kus' portfolio page and that is the library he used for his portfolio. I used it by referencing the JavaScript file and images and text will be displayed when users hover on a certain grid.
- I used Bootstrap because it makes layout and front end development much easier. I used Bootstrap by downloading and referencing the Javascript file and I am able to create more

organized layout, cleaner and more factorized code, and be able to display pages in a variety of ways.

- I used LoadCSS library because it can make image loading much quicker and I used it by referencing the file.
- Ionicon library is used so that I can add icons like facebook and Pinterest in the “About” page.
- jQuery is also used to find objects, create interactions, and make writing JavaScript code a lot easier. It is used by referencing the jQuery library.

Part 4: HW6 Mockup Iteration

I built my site based on the HW6 mockup I created. However, I made the portfolio page my homepage directly and I decide to choose pictures with a full color background instead of transparent ones. The project detailed page is also redesigned in a cleaner way, where there are just texts and images.

Part 5: Challenges Experienced

It is difficult to put multiple pieces of the portfolio together and also display things in a consistent way. Sometimes the styles and animations have conflicts and sometimes it is hard to find where things go wrong. I try to approach the problems by searching on Stack overflow and reading documentations. However, if I still cannot solve it after a long period of time, I would find another way to circumvent the old way of coding.