

Part I

The purpose of this website is to create an interactive and clear portfolio for recruiters to quickly know my skills and experience and browse projects. I want my portfolio page above the fold section to be clear on my job searching goal and my strengths while also interactive and interesting enough to attract the eyes of the recruiters so that they actually read my self-introduction paragraph. By typing out the welcoming sentence and popping up the keywords of me in purple text, it can quickly convey the key message to recruiters so they probably don't need to read the paragraph to know my strength. In the project section, big animated appealing visuals for projects can attract and inform recruiters of my capability and strength on their first sight.

part II

- **Automatically typing out text**
 - On homepage above the fold, interaction happens without any actions from the user
- **Enlarged buttons**
 - All buttons will enlarge and shadow darkens when mouse over
- **Clickable text**
 - One of the purple text is a clickable link that leads to my CMU program page. It's not made obvious because it's not an important link but just for a little more fun and information.
- **Nav bar show/hide on scrolling**
 - Scrolling the page up and down and you'll see the nav bar hiding and showing with background blur and animation.
- **Color blocks enlarged on hover**
 - In project section, each project background color block will enlarge to the left when mouse hover over.
 - Buttons will enlarge on mouse over as the above the fold section.
- **Enlarged button in project page**
 - After clicking the first project and landing on the project #1 page, and "next project" button enlarges on mouseover and lead to the next project.

Part III

Tool choice: vue.js

It's easy to learn and it'll automatically generate supportive files so I only need to worry about html css and js. It also allows some shorten ways of coding in css and js and saves me a lot of time.

I create a new file with vue.js and it automatically generated the supporting files for me including things like package.json. I was able to create a section of the page like nav bar and footer and use it repetitively on each page, and also put projects into dictionary so the newly added project can take on the same template of project cover layout.

npm package manager

I can use some libraries that other people published. It helps saving time to find out how to implemented certain things by myself.

I used npm to install node programs such as vue, vuex, etc. to enable me to work with vue and related things.

Part IV

I didn't change much of the design or animation from homework 7 but implemented the text popping up code a little differently. Originally I planned to have the rest of the purple text typing out like the welcoming sentence, but the problem is that it'll need a lot of work with the ordering of typing each letter and keeping letters in the same positions for different screen sizes, which I couldn't figure out. Also, typing out one by one will take too much time and the recruiters might not have the patience to wait for them to show up and then read. So I decided to put them in white text and then changing colors to purple one by one so that letters will stay in place on different screens and won't take too long to show up to recruiters.

Part V

Challenge #1

I had a hard time figuring out some of the vue.js problems because I was not very familiar with this framework.

Challenge #2

When generating the git hub page, the folders inside of folders made some of the image files not findable using their original paths. I solved it by changing the absolute path in the original files to relative paths.