SI 339 Final Project Write-Up

1. For my responsive design choices, I have decided to use three different media queries to improve my pages. My first media query occurs on my project page. When the size of the screen gets below 600px, the flex direction of .si-106, .si-206, and .si-330 changes from row to column. Over 600px, I my layout uses flex which has my title on one side of the screen and contents such as pictures and text on the other side of the screen. When the screen size goes below 600px, they end up laying on top of each other, and so changing the flex direction column puts the content below the title so it does not overlap. My second media query occurs on my about page. When the size of the screen gets below 1024px, the flex-direction of my .about-container changes from row to column. Over 1024px, my text is very readable and it doesn’t overlap with my resume. However under 1024px, before I changed my flex-direction, on mobile phones there would be some overlap, and on the computer the text became very narrow and it didn’t look right. By putting my text under my resume under 1024px, this alleviates that problem. I also change the width of everything to 100% when everything is under 1024px, and that makes my contents the width of the page which makes it easy to read. Lastly, my third media query occurs on my basketball page. When the size of the screen gets below 1000px, my flex-direction of my .basketball class changes from row to column. In my .basketball class I have two images of statistics from my high school basketball career. Before the change, the two images end up overlapping on each other and it is extremely hard to see. After the change, by changing the flex-direction from row to column, on image goes below the other, allowing for readability. All three of my media queries allow for better readability.
2. On my projects page, I have three divs that are all styled using flexbox: .si-106, .si-206, and .si-330. These are the most logical choice for the layout because I wanted to keep my page symmetric and consistent. Inside these three divs, there is a title, image, and description. When looking at .si-106 and .si-330 divs, you notice that there is a title in the center of the left half of the page and an image on top of a text description on the right half of the page. Similarly, when looking at .si-206, you notice that there is a title in the center of the right half of the page and an image on top of a text description of the left side of the page. In order to keep the consistency of these pages, I have decided to use flexbox. Secondly, I have decided to use flexbox all throughout my basketball page. I have a .bball-pic-video div with a .bball-pic and .bball-video div inside. Similarly to my example above, I have a title in the center of the left side of my screen with an image on top of a text description on the right side of my page for one of my divs. The one right below it is the same, but vice versa. This styling allows for simple readability and makes my page very consistent. At the very bottom, I have a basketball div with two images. Without using flexbox, I wouldn’t have been able to put them side by side and get the layout I wanted.
3. I first have JavaScript on my index or homepage. I decided to put the clock in the upper right corner of my page. I wanted to put a clock because it shows the user the live time of the day, something everyone would benefit from. I found this code online, and put a clock.js file in my js folder. I made the text of it white, and used flex to put it on the right side of the screen so that it appears clearly to the user. My second use of JavaScript is the implementation of lightbox on my first page as well. I have a lot of images that I wanted to enlarge on a click. From the lightbox assignment, I took that code and implemented it on these images. There are seven different .js files in my js folder that are needed for this. I decided to use lightbox because it makes my website more interactive and it allows a user to zoom in on certain images I have decided to put on my website.