Richard Duffy

Intro to Web Dev

Final Project Journal

Links:
site page:
https://rduffy13.github.io/rduffy13/

github page:
https://github.com/rduffy13/rduffy13

A lot of work went into this project and I spent a lot of timing working on getting all the aspects correct and functioning. The first thing that I did was to plan out how I wanted the page to be structured. I decided to do a single page website with different sections. And then create a Nav bar that would take you to each individual section. I also decided to use HTML, Javascript, and CSS.

I started first with the 'about' section in which I included a picture of me along with a short introduction paragraph. In this paragraph I briefly introduce myself and introduce some of my CS experience. I then used JavaScript to creat the Background section. I used a for loop to create a grid with three rows, one for each field of the background section. The first section is highlights the notable classes that I have take throughout my CS career. The second section lists the computing languages that I am most knowledgeable in and have the most experience in. The third section lists the previous CS jobs that I have worked. In retrospect it most likely would have been easier to create this grid in the html document but I wanted to use JavaScript in order to learn better how it can be used to create elements. It took some time messing around the the syntax of the loop before I got it working correctly. I think it is important to use how both Javascript and HTML can be used to create and manipulate elements.

I then created the contact section utilizing a form. It was fairly straightforward to create the form but the difficult part was getting the sizing and spacing right. Also getting the form to correctly respond to different screen sizes took some time as well, in terms of sizing the various elements appropriately.   After completing the form I then went back and did the previous projects section in which I highlighted two projects. The first was a link to the gitlab pages for my Intro to Security class, this contains a lab notebook full of various security related activities and questions that were completed over the term. The second link is to the GitHub repository for my senior capstone project. This involved creating a database system in which clients can be matched up with potential job leads. It involves searching, removing, adding, and matching various data. After creating these sections I then created the navigation bar allowing the user to navigate to the various sections of the page. As before it was fairly straightforward to create the nab bar but it was difficult to get the sizing, spacing, and functionality correct.

After completing all the elements I then focused on the styling and color scheme. I used a combination of three main colors: a soft, light blue, a darker smooth blue and then white as the borders and font color. I felt like the combination of those three colors created a very pleasing effect to the eye of the viewer and that it makes the entire page very readable. I also just a couple different fonts that I felt were very readable but also stylish in terms of their overall look on the page. I also thought the white outlines were very soft but also strong in terms of outline various elements. I also thought the use of white text made the words on the page very readable and pleasing to the eye.

I then wrote up the readme file and went through the code validation process to ensure that all the code was accessible and appropriately written. As I said earlier I put

a lot of hours into this project and I do feel like I learned a lot. The class video coding

demonstrations were very helpful as well as the github repository where the coding

examples were posted.

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