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Cutting edge web technologies

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Project 1 designing a personal resume website

For starters between intro to internet computing last semester and this class I decided to begin learning how to use a more advanced editor, atom. Previously I was using the plain text editor notepad++, which didn’t have many features whatsoever. So, beginning my learning with the atom editor was a breeze and being able to receive autocorrect and suggestions was a huge relief. I also enjoyed the concept of having my entire project in a hierarchy to the left on a tab always visible whereas before I simply had several notepad++ tabs which often got very confusing. I still have a lot to learn from atom and how the editor works for me, and I presume I will learn that very quickly as the semester progresses.

To begin this project, I kicked it off with a template from [www.greepit.com](http://www.greepit.com) basically the template started a lot of the overall design for me including the colors and formatting. I went through the templates JS, HTML, and CSS, it had a few functions of JQuery as well. I learn greatly from looking at the code that comes with the template, and from here I was able to integrate some of those concepts into making my own JavaScript file which will come to do interesting things.

The most time-consuming part of this project for me was designing my own JavaScript file to incorporate into the project. I didn’t want to add script tags to the actual HTML document so I knew I had to reference the separate JavaScript file. Once I got the separate JavaScript file to work, which I verified with simple instructions first, I then moved onto creating a function that when the header of the html document was clicked it would perform various functions. One of the functions I worked on was animating the header, which is my name in really large letters. To do this I went to another source called animate.css which can be found at <https://daneden.github.io/animate.css/> I simply downloaded the animate.css file from there and also viewed his documentation on his GitHub profile at <https://github.com/daneden/animate.css>. Basically this animate.css file was extremely simple to use and could be done simply using CSS, by adding certain classes including “animate, (animation type ex. Bounce, swing, etc.)” , simply adding these classes would animate that particular element but of course, only when the document loads.

This is not very interesting so in order to make this animation a bit more interesting I used jQuery to listen to an on click event on the header of the page, or where my name is displayed in large letters. The users know to do this because I display a message telling users to click there. When they click the header, an animation occurs to the large letters spelling my name called “pulse” this was done using jQuery in the file jQueryAdditions.js. also in this same file, I have the same header “bouncing” when the page loads. After this I had the idea of making an image of me pop up from a hidden state when my name is clicked. To do this I have my image in the html document always there however with a CSS property “display: hidden;”, this means that when the page loads you will not see my image. I added a jQuery function that when you click my name it changes the CSS property of the image to “display: block;” and so it gives the appearance of the image popping up after you click.

Originally, I had an issue with uploading the image to the website, it was uploading at a 90-degree angle. Until now I don’t know what caused this to happen, but I believe it has something to do with the template I was using. In order to fix this I looked to stack overflow for ways to rotate an image 90-degrees. The solution was simple add a class “rotate90” and add the CSS properties given for that class.