

Lab 2

Due: 11:00pm on September 21, 2014

20 points

In your first lab, you created a simple résumé in HTML. As a reminder, HTML describes the structure of the document and not the actual presentation of the document. In this lab, you will be using CSS to make your document look much nicer.

We went over some of the main things CSS can do in class but certainly do not have the time, or patience, to cover all of them. That said, <http://www.w3schools.com/cssref/> provides a great reference for you when determining what CSS to use.

1. Make a copy of your `resume.html` file and call it *resumeCSS.html*.
2. Pick your favorite text editor and create a CSS file called *resume.css*. Certain editors do syntax highlighting so if you want to use one of those but don't know which one, just ask one of us.
3. Make sure you link your CSS style file to your HTML file.
4. Let's assume you are providing your résumé for a web development position and therefore will not be constrained to black and white paper. You will be sending this résumé as your job application so it should look good.
5. In order to ensure you have experience with all parts of CSS, your document must contain the following:
 - (a) At least 2 different font families.
 - (b) At least 3 different font sizes.
 - (c) At least 1 text that is bolded for emphasis.
 - (d) At least 2 hyperlinks but they must not be underlined. When you submit your lab, be sure to specify what is a hyperlink so the grader knows where to find them.
 - (e) At least 2 different colors for the background.
 - (f) An appropriate photo of yourself in the top right corner of your résumé. Do not worry about getting text to wrap around your picture as this was not covered in lecture. However, it is not difficult to do and the remaining CSS layout slides should be a good guide on how to do it.

- (g) At least 2 classes and 2 id tags that support styles.
 - (h) Appropriate use of *div* and *span* tags.
 - (i) The following constraints are optional because we did not get to them with layouts. They are not all that difficult to figure out and I recommend doing them to make your spacing look good:
 - i. Consistent and clean spacing between lines and sections with margins, padding and widths set appropriately.
 - ii. Black borders around tables and sections.
 - iii. Your page must print correctly and consistently even when the browser window is resized. As a hint, use fixed widths to accomplish this. Your content must be centered in the middle of the browser window (if the browser is too small, it is fine to have scroll bars to the left and right).
6. Ensure all of your tags are lowercase.
 7. Do not use any formatting tags that are deprecated. Your page will not validate if you do.
 8. Be sure to add the following code to the bottom of your HTML file:

```
<p>  
<a href="http://validator.w3.org/check/referer">Validate Me</a>  
</p>
```

This way we can verify that your code is HTML5 compliant. The following warning is the only one you can have: *Using experimental feature: HTML5 Conformance Checker*. Also be sure your CSS validates using <http://jigsaw.w3.org/css-validator/>
 9. When you are finished, load up the file in your browser. Since you have only created basic HTML and CSS, you can simply double click on the file and it will open in a browser. There is no need to have WAMP or LAMP installed at this time.
 10. Assuming the résumé looks good in multiple browsers, you can upload it to the webdev server. Upload your resumeCSS.html and appropriate CSS file to the Labs folder you created last week.
 11. Double check your submission at <http://webdev.cs.uwosh.edu/students/yourUserID/Labs/resumeCSS.html>.
 12. Finally, upload your html file to the Lab 2 dropbox before the deadline. **When you make your submission, make sure you put the url your file is located at in the comments section so we can easily access your file.**