

Assignment: Deploying and Testing a Site

Goals:

Using the starter code provided you will edit, test, and host (and test again!) a multi-page website to GitHub Pages.

Objectives:

- Demonstrate ability to set up proper folder structure.
- Demonstrate ability to add appropriate html tags and attributes in a consistent syntactic and semantic manner.
- Demonstrate ability to host files properly on GitHub using GitHub Pages.
- Demonstrate ability to test and correct on four different validators:
 - Code validator from validator.w3.org (for syntactic correctness)
 - Wave extension from wave.webaim.org (for accessibility)
 - The aXe extension from deQue (for accessibility)
 - The browser console (for missing files)

This assignment is primarily about being VERY careful and exact.

Resources:

[Deploy and Test Starter Code](#) - download this!

- **DO NOT** edit the contents of the css files in this assignment
- **DO NOT** change ANY file names or extensions.

Assignment Requirements:

1. Create folders for stylesheets and images - name the first folder “css” and second folder “images”. Move the stylesheets and images into the appropriate folders.
2. Carefully review the index.html file to see the syntactic structure of the file. You will want the other two files to use the **exact** same DOM structure.
3. Edit the family.html file to
 - a. Use appropriate HTML5 tags to organize and display the content.

- b. Use appropriate HTML5 tag attributes.
 - c. Use appropriate HTML5 entities.
 - d. Fix any errors that are in the console.
4. Test family.html locally with all three validators and the console and fix errors.
5. Repeat Steps 3 and 4 with random.html
6. Upload the new folder to your GitHub account using the repo name **hw1-f24** *(note that is a dash, not an underscore)*.
7. Link the repo to Github Pages.
 - a. If you need a refresher on hosting to Github Pages you can find it [here](#).
8. Test all files again!!!

Note, we always reserve the right to deduct points for things that were implicit rather than explicit in the assignment.

Submission Requirements:

1. Submit the link of your deployed page to the autograder. The URL should be: `https://<your-user-name>.github.io/hw1-f24`

Include the protocol - Do not include the ending backslash.

- a. You have a maximum of **7 attempts** at the autograder. Make sure to test once at least two days in advance.

Any changes to code after the due date will result in a late penalty at any time during the semester. If you want to modify your code for personal use - make a new copy.

2. **Always confirm your score in the gradebook, not what you see in the autograder.**
3. **Don't forget to complete the second part of the assignment - the [Supplementary Hand-Graded Portion](#)**

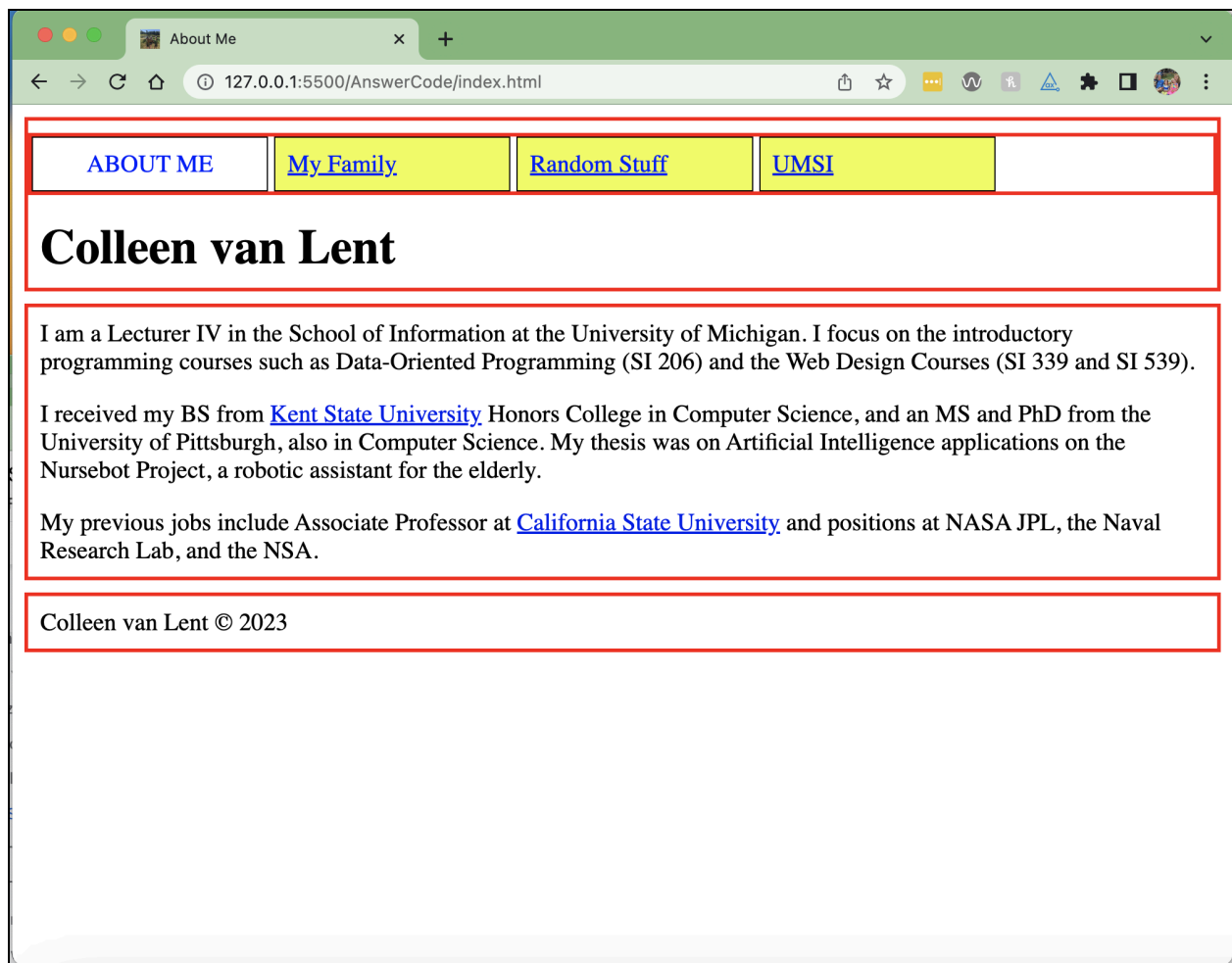
Tips:

1. Keep the index.html file open as you work since the other files will follow the same structure. The nav and footer should be identical on all of the pages.
2. Each page should have a unique title and unique h1 heading.
3. Make sure that you use semantic tags - header, nav, main, h1, and footer on every page.
 - a. I have put a border around each of the container elements in the CSS.
4. Test all of your links -- make sure to link to the pages and the images correctly.
5. Test the link to your submission before you submit it to the autograder.
6. Use the [Pre Submission Checklist!](#)

Sample Output:

Here are three screenshots of the completed pages:

Index.html



Family.html






Family Page

127.0.0.1:5500/AnswerCode/family.html

[ABOUT ME](#)[My Family](#)[Random Stuff](#)[UMSI](#)

Family

In 2016 I loaded my kids into the minivan and took them on a drive across the Northern midwest states. We went to Wisconsin Dells, the Badlands, Mount Rushmore, Jewel Cave, and Custer State Park.



I didn't plan for the fact that the Strugis Motorcycle rally would overlap with our trip. Many towns were closed to through traffic and the lack of internet required that we use paper maps. Often.

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Random.html

127.0.0.1:5500/random.html

Webpages | SI 647... Cheat Sheet for W... HTML 5 Cheat SH... VSC Cheat Sheet SI 110 UX To Read NYC SS23 IAC24 coda UM Extra Curricula... All Bookmarks

About MeMy FamilyRandom StuffUMSI

Random Page

Make sure you are doing the readings from the [W3 Schools HTML](#) tutorial as well as the readings from Shay Howe's [HTML and CSS tutorial](#)

Using the Piazza site is another great way to stay on top of your classwork

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