
CS 008 Introduction to World Wide Web Design

Sam Swanke

Assignment: Final(5.0)

Final

Version <5.0>

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	Date : 12/6/15

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Introduction Purpose

The purpose of this document is to describe the requirement specification for the web site "Final".

The intended audience for this document is two fold. First it is the contract between you and the client and the developer of the site. Two primary goals are:

1. Client gets a very good understanding of what you will be delivering.
2. Developer has a very good understanding of what they are going to create.

The Web site to be created is a form and a home page to tell us why we should join.

Definitions, acronyms, and abbreviations

HTML – Hypertext markup language – used to define your content.

PHP – Personal Home Page – language that helps to customize html.

CSS – Cascading Style Sheets – used to define the look of a web site.

W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:

<http://validator.w3.org/>

with the CSS validator located at:

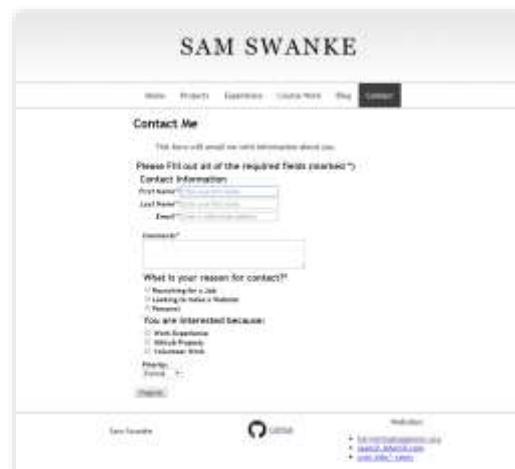
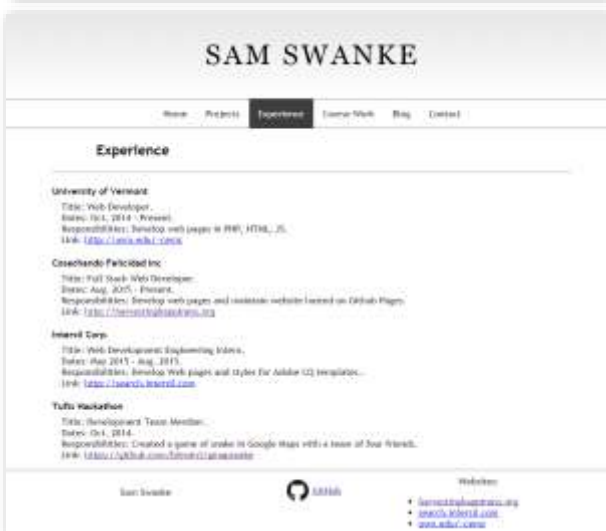
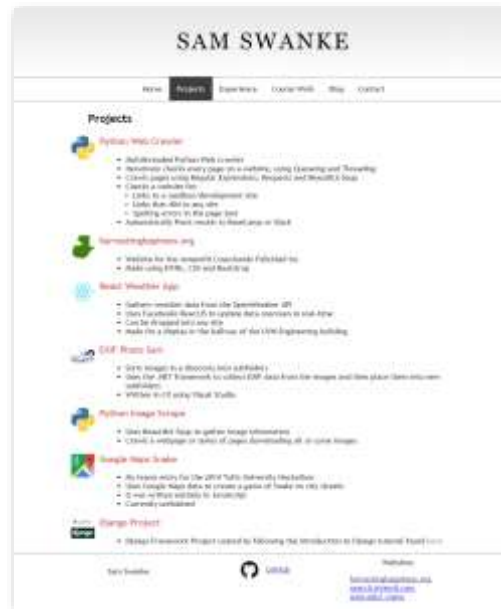
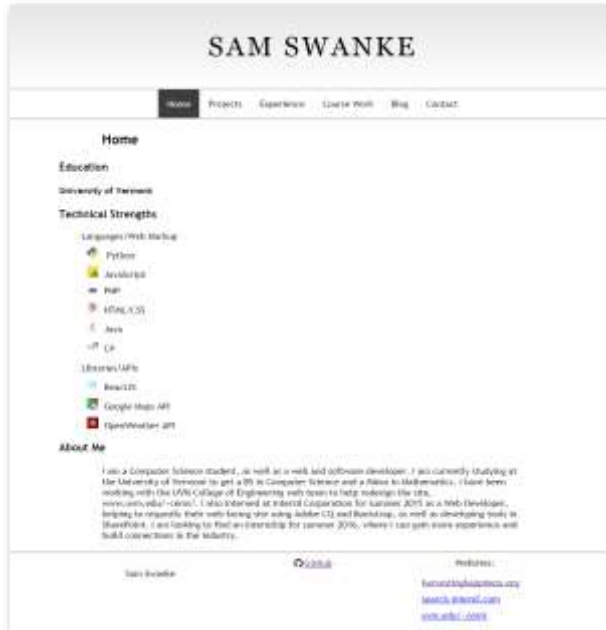
<http://jigsaw.w3.org/css-validator/>

Overall Description

This website will serve as a resume of work by Sam Swanke. It will include the details of past projects as well as current and past professional positions

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Assignment requirements

1. *Posted* – all files will be located in the www-root/cs008/assignment3.0 folder of your uvm Silk account. The assignment web page and the submit process will detail the exact location. Failure to have your site located in the correct folder by the due dates will result in a zero on the assignment. Be sure to pay attention to the lowercase letters.
2. *Submitted* – You must submit this (and all) assignments by using the submit assignment link. The grade cannot grade your assignment until you post and submit your assignment.
3. *Site map* – Be sure to update your sitemap (you do not need to link to top, header, nav and footer).
4. *Html Validation* – All pages will pass W3C Html validation for html 5. NOTE: top, header, nav and footer pages will not validate as they are not expected to be viewed by themselves.
5. *Meta Information* – All pages will contain a proper title tag, Meta tags (author, character set and description).
6. *CSS Validation* – All pages will pass W3C 3.0 CSS validation.
7. *CSS* – all pages will have a linked style sheet. I am not going to require a specific set of rules but you will be graded on your effort of what you try (just having my sample gets you a zero).
8. *Head Section* – put the doctype and head section information in a file named top.php so you can include it all the pages.
9. *Navigation* – All pages will contain navigation to all other pages on the site using an ordered list (Only two pages for this, your index and your form). File name should be nav.php
10. *Content* – Each page will have a minimum of 100 words not counting titles, lists or links. Be sure to use the correct elements to hold your content. The form page does not need to meet this requirement.
11. *Header* – All pages will contain a header. You need to add a logo to fit your site (be sure to use the figure element). File name should be header.php which you will include on all pages.
12. *Form* - We want to entice people to fill out our form so the home page content should do just that. The form will follow my sample on github.

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13. *Form* – Will contain fieldset's, legends, input type text for email address and a Submit button. Code will include documentation as shows on github.

14. *Form* – will have your email address as the default value as set by php.

15. *Form* –will process the forms submission:

- a. Perform security check making sure the page comes from itself. Be sure to save the security function in a lib folder (security.php).
- b. Flag for each error and style the object with the error on it.
- c. If form is incorrect redisplay form with descriptive error messages displayed before the form.
- d. Sanitize all data.
- e. Check email for being entered
- f. Check email for correct format. Save the functions in the lib folder (validation-functions.php)
- g. On successful submission display message (don't display form again).

16. *Form* - should email the person who filled it out.

17. *Content* – Will display the email message.

18. *Form* - data should be saved to a csv file (Don't forget to include a link to the csv file on your site map).

19. *Form* – add the following inputs to your form (minimum, you can add more):

- a. Two text boxes (so with email address you will have three).
- b. One list box.
- c. Three check boxes.
- d. Three radio buttons (one group).
- e. Field sets and legends as needed.
- f. Data should be validated for not missing, valid format etc. as needed. Update specific requirements with your error checking details.

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20. *Form* – all data should be saved to a csv file (delete your old csv file as this one will have more columns).
21. *Form* – should be styled with CSS different than my default.
22. *Footer* – All pages will contain a footer with the content determined by you. Filename will be footer.php
23. *Images* – Each page will have a minimum of one image. Each image will be in the figure element with the figcaption element if needed. The form page does not need to meet this requirement.
24. *Browser compatibility* - This site will be checked on Firefox, Safari, Chrome and Internet Explorer.
25. *Footer* – All pages will contain a footer with your name. Be sure to use the correct element to contain the footer.
26. *File Names* – the main home page will be called index.php with the form page called form.php.
27. *Specification Document(this file)*: must be updated and saved as a specs.pdf (must use pdf format and correct filename in the same folder to be graded).

Specific requirements

1. Background color: white
2. Nav colors: black and white
3. Heading color: black and white Centered
4. Active Nav Color: dark grey
5. Form Border: None, this is a classy webpage.
6. Logo: SAM SWANKE
7. Success page should have message to the user
8. Form should validate emails using a validation function
9. Forms submissions must go through security.php
10. Add radio buttons for purpose of email
11. Add checkboxes for intent
12. Add first and last names to email
13. Make pages: blog, projects, home, experience, contact, and coursework
14. Footer should have name and link to github
15. Nav should be static at top and fixed while scrolling