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CGS3853 Final Project

Website: Pastor Jordan Doles

A Semantic Outline and Explanation of Applied Elements & Stylings

**Universal**

This section covers the html elements, layout design, and stylings used across all four pages of the website. The three HTML elements this encompasses are the header, navigation, and footer. The two elements contained in the header are an image, and an h1 title that reads ‘Pastor Jordan Doles’. These two elements are displayed inline-block, and are vertically aligned by the middle. The header has a 25 pixel solid black border as to help make the header stand out, and can be easily recognizable to any users as a page header. In doing this, I also gave the image and h1 title a 15 pixel padding to space them out away from the border. An additional styling applied is a 5 pixel letter spacing to the h1 title as to have the words fill the header banner. An odd element styling I had to use though was a 60 pixel left margin on both the image and h1 title. This helped push the image away from the far left border, and push the h1 title away from the image. In my research I found there to be no simple way to center two different elements displayed in-line block. However, I found using this 60 pixel left margin to be sufficient, and to untrained eyes the two elements are relatively centered within the header.

The next universal HTML element is the aforementioned navigation, and it’s associated unordered list of website links. The list has four links: Home (home.html), Prior Experience (experience.html), Sermons (sermons.html), and Contact (contact.html). The navigation list is displayed below the header in a horizontal fashion. The unordered list has a height of 30 pixels, no applied list style type as to rid of automatically inserted bulletin points, and a 3 pixel bottom border to separate the navigation list from any below web page elements. Each unordered list item is floated to the left which displays all four links in the same horizontal row, and a line height of 30 pixels as to vertically center the link text. Furthermore, each list item has a width of 190 pixels with the containing text being centered. Also included is a 1 pixel solid right border on each list item in the navigation list; excluding the last far right list item. Although the text link is the only clickable way to visit another page, this border creates handy visual separation. The navigation link elements themselves are displayed in black font, have a 15 pixel font size, are in bold, and have no applied text decoration as to rid of underlining.

The final HTML element used across all pages is the footer. The only elements contained in the footer is paragraph text that reads ‘Created by Matthew Doles. Last Updated: 12/5/2016.’. The footer is set to a minimum width, and maximum width of 100% as to ensure the footer always expands the full width. The footer text is centered with the element, and has a font size of 0.8em. In addition, the footer is set to clear both floating elements on the left and right; this helps ensures that the footer is always displayed at the bottom of the web page. The final styling elements applied to the footer is a background color of black, font color of white, and a 20 pixel margin from the top. These particular stylings make it visually clear that the bottom of the web page has been reached.

As a final note, there are additional applied CSS attributes which are applied across all four pages. The body element of each individual page is set to a width of 850 pixels; the page content does not expand the full width of most displays. The body also has a 15 pixel top-margin as to flush the page down, and give the page some metaphorical breathing room. The remaining margins are set to auto. Given the body does not expand the whole page, a box shadow is applied to create a visual outline of the body. In doing so, a 20 pixel padding is also applied to flush all HTML elements away from the border. Additionally, there are default styling (\*) attributes which instantiate all HTML elements with 0 pixel margins, and set the font family to Times New Roman with sans-serif as the backup. The last universal styling applied is a class styling used on all page headers/titles, and is given the class name ‘pagetitle’. This class sets the font size to 25 pixels, bolds the containing text, and provides extra letter spacing of 2 pixels. These class stylings are largely applied to headers, and notify the user as to what the page content pertains too. This class will be referred to multiple time proceeding forth.

**Home**

All HTML elements utilized on the home page (home.html) are contained in a section given the id name ‘bio’. As the id may entail, the content of this section display biographical information about the client. Elements displayed in this section include an image (img), two headers (h3), and two paragraphs (p). The text of these two header are ‘Spiritual Journey’ and ‘Call to Ministry’. Both headers use the ‘pagetitle’ class, and an associated paragraph element containing client provided information. In terms of layout, the two header/paragraph combinations are aligned to the left with the image floated to the right. Furthermore, this image has a 20 pixel bottom and left margin. These margins create space between the image, and the left presiding text. The final applied styling is a 3 pixel solid black border to the image; a styling applied to most image elements on this website.

**Experience**

The second link on the navigation list is ‘Prior Experience’ (experience.html). Working from top to bottom, the first HTML element used is a header (h3) which is also simply title ‘Prior Experience’; notifying the user which particular page they’re visiting. This header also utilizes the aforementioned ‘pagetitle’ class. Below this header is a web table, this table display’s client provided information in an orderly fashion about prior work experience beneficial in becoming a pastor. The table spans 3 columns, and from left to right their headings are: What, Where, and When. To provide an example, the first table row of data reads from left to right: ‘Pastoral Intern’, ‘Sauganash Community Church’, and ‘8/14/17 - Summer ‘17’. The width of the table itself is 850 pixels, and is centered to the middle of the page. Additionally, there is a 20 pixel top margin applied to space the table away from the above header, a 3 pixel` solid black border, and a 10 pixel border spacing to spread the table content away from the previously described border. The table column header’s have 5 pixel letter spacing as to better fill the column width, and a red background color with white font color for distinction. For added decoration, the table also has a 10 pixel black box shadow. Below the table are two figures (figure), each containing an image (img) and an associated figure caption (figcaption). Both of these images relate to a particular row in the above web table. Similar to the header, they two figure elements are displayed inline-block, and are vertically aligned to the middle. Each figure has a 20 pixel margin in order to space the two figures away from each other. Furthermore, the figure images themselves have a 3 pixel solid black border while their corresponding figure captions are centered below within the width of their related image. As a final note, all previously contained HTML elements, except the ‘pagetitle’ header, are contained in a section given the id ‘experience’ in order to apply a 15 pixel font size to all containing text.

**Sermons**

The ‘Sermons’ page (sermons.html) displays client provided sermons they have personally given over the past few months. The layout is rather simple, below the navigation list is a header (h3) titled ‘Sermons’, and is given the ‘pagetitle’ class. Below that is a series of articles all given the class name ‘sermons’. Each particular article follows the same layout. The first element is a header (h3) describing the title given to that particular sermon; these headers are given the ‘pagetitle’ class in order to stand out amidst the page text. Below this header are two additional headers (h5) that are smaller in size, but contain relevant information such as the date the sermon was given and related literary text consulted when writing the message. Following that are a series of paragraph (p) elements that transcribe the given sermon. However, in two cases an audio (audio) element is used, and one can listen to an mp3 recording of the sermon instead. Using the ‘sermons’ class, a 0.5em top margin is applied to the h5 headers to create space, and are given red font color as to differentiate with the below paragraph text. Furthermore, the sermon title headers (h3), in addition to their ‘pagetitle’ class stylings, are given red font color, a 2pixel gray text shadow, and italic font-style. These stylings help associate the sermon title with the below h5 headers, but still stand out as the more important header. A final styling element was applied to the first letter of the first paragraph in each sermon article. As decoration, the letter is displayed in larger font (3em), and has a thin bottom and right solid border (0.02em).

**Contact**

The final page of this site is a ‘Contact’ page (contact.html). This pages provides client provided contact information, and a form submission that would ideally send the contained content to the client’s email. However, in my research I found neither HTML or JavaScript support this ability, this is mostly accomplished using PHP. Anyways, from top to bottom, the first HTML element is a header (h3) entitled ‘Contact’, and uses the ‘pagetitle’ styling class. Proceeding that is the form, and corresponding field set (fieldset) given the id ‘contactFS’. The first field set row contains a label with the text ‘Name’, and a required text input (input) where the user is to supply their name. The second row contains the text ‘Title’, and is a select list (select) of surname titles such as Mr., Mrs., Ms., and Dr. The third label row is for ‘Email’, and the required text input (input) has a type of email. Thus, the form cannot be submitted until a valid email address is entered. The final label row is a text area box (textarea) for the ‘Message’, and is where the user can convey the message they wish to send to the client. Below that is the form submission button, and when clicked runs a form submit javascript (formsubmit.js). The form field set is set to take 60% width, and is floated to the left. The form as a whole also has a grey background color, and a 30 pixel solid transparent border in order to apply a 150 round cross border image (‘Cross.jpg). The labels in the form field set are set to float left as to ensure every label starts a new row, their width is set to take up 100% of their given row length, and have a 10 pixel top and bottom margin to create space between every label row. The field set inputs, select, and text area are floated to the right, and have various margin right and left margins applied to them in order to ensure they’re vertically aligned. Their heights are all similar in exception for the text are which has an additional height of 125 pixels. Furthermore, those inputs where a value is required will have red background until a valid field is entered; when done so, the input background then changes green. The form’s submit button is also displayed in block to align vertically with the various above inputs. Additionally, the button has an enlarged width of 100 pixels, and a height of 30 pixels in order for its location to be visually clear against the darker gray form background. The final portion of this page is an aside that contains client provided contact information. This aside is floated to the right of the form, and is set to take up a page width of 30%. The HTML elements contained in this aside include a header (h1), and a corresponding unordered list (ul). The header displays the text ‘Personal Information’ in white font with a black background. The contact information in the below unordered list contains the following information: phone, email, and Facebook. Both the email and Facebook list items are links displayed in blue font as to notify the user that the text is a clickable link. All text within the aside is center-aligned, has 15 pixel font size, and a line height of 25 pixels. The odd rows in the unordered list are displayed with a gray background while the even remain white.

**Printing CSS**

The printing CSS style sheet (printlayout.css) is applied to every page. In essence, the styling sheet allows the user to print the web page as if it were a pseudo-formal résumé. The styling sheet hides the header, navigation, and all images on all web page. In addition, the body box shadow is removed. Specific stylings were additionally added where needed for the various pages. For instance, on the experience page the table box shadow is taken out, the table header’s left aligned in the absence of color, and the figure captions removed. For the contact page the form is completely removed as it is unnecessary, and the contact information aside is left-aligned into a more logical placement.

**Textual Outline**

**Home (home.html):**

* header
  + img
  + h1
* nav
  + ul
    - li x 4
* section
  + img
  + h3 x 2
  + p x 2
* footer
  + p

**Experience (experience.html):**

* header
  + img
  + h1
* nav
  + ul
    - li x 4
* h3 (page title)
* section
  + table
    - 3 columns
    - 5 rows of table data
    - Applied box shadow in CSS
  + figure
    - img
    - figcaption
  + figure
    - img
    - figcaption
* footer
  + p

**Sermons (home.html):**

* header
  + img
  + h1
* nav
  + ul
    - li x 4
* h3 (page title)
* article (5 in total series)
  + h3 (applied text shadow in CSS)
  + h5 x 2
  + two variations
    - p (as many times as needed)
    - audio (two occurrences)
* footer
  + p

**Contact (contact.html):**

* header
  + img
  + h1
* nav
  + ul
    - li x 4
* h3 (page title)
* section
  + form (border image applied)
    - fieldset
      * label - Name
        + input: text, required = true
      * label - Title
        + select list, 4 options
      * label - Email
        + input: email, required = true
      * label - Message
        + textarea
  + aside
    - h1
    - ul
      * li x 3