

**Bill Wolff**  
**Web Design & Development, Spring 2024**  
**Professional Web Site Final Draft Checklist**

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**IMPORTANT FINAL DUE DATES**

**Finals Week Open Coding:** Monday 5/6: 10:00 – 12:00; Tuesday, 5/7: 1:00 – 3:00.

Your **FINAL web site** due by **Wednesday, 5/8 by 11:00pm.**

Your **Final Story of Learning** is due by **Thursday, 5/9 by 11:00pm.**

Please ensure your professional web site meets the following requirements and design elements.

**Your site must:**

- Have a bold, eye-catching, and unique front page that reveals a personality for the site and visually tells a story of who you are;
- Use responsive web design techniques (e.g., media queries, scale-able images & videos, flexible layouts) to display on mobile, tablet, and desktop devices;
- Have a consistent emotional design informed by your design personae;
- Have portfolio with *at least* 4 portfolio items;
- Have an about page that includes at least your Why statements and, if you'd like, a link to a PDF version of your resume
  - **If linking to your resume, remove home address, phone number, and email address before uploading it;**
- Have a contact page that includes a form designed at WuFoo;
- Have a footer on all inner pages using `<footer></footer>` HTML5 tags;
- Have a consistent and responsive navigation menu and footer across all HTML pages;
- Have *at least* 3 CSS documents that work together in concert with your HTML pages:
  - main.css, which you started using for your portfolio and **will be used on all pages except index.html**
  - imagehome.css, which will **ONLY** be used with index.html
  - nav.css, which will **ONLY** contain your navigation styling;
- Use GoogleFonts (or other approved online fonts) instead of computer defaults.

**Your HTML5 pages must:**

- Use the templates that were provided;
- Be coded using correct code and Clean Coding techniques;
- Use the HTML5 doctype and appropriate HTML5 tags (`<section></section>`, `<header></header>`, `<nav></nav>`, `<footer></footer>`, etc.)
  - Remember, you only use `<section></section>` if it is immediately followed by a `<header></header>`
  - If there is no `<header></header>`, use `<div>` instead of `<section>`;
- Use valid, structural tags (e.g., headings, paragraphs, and lists) and class/id attributes;
- Have a meaningful .html name in all lowercase letters with the main page name being index.html;

- Have a meaningful title within the <title></title> tags;
- Have all closing </section> and </div> tags followed by an appropriate comment that describes the division that is closing, such as <!-- end left -->;
- Include <div class="clear"></div> after the last floated element in each row;
- Include accessibility features, such as ALT and TITLE elements on images;
- TITLE elements on links; **aria-label for background images**; subtitles or transcriptions to all videos; and so on;
- Validate against the HTML5 Validation (<http://validator.w3.org/>) site.

**Your CSS files must:**

- Use the templates that were provided;
- Be coded using correct code and Clean Coding techniques;
- Have a meaningful .css file names in all lowercase letters;
- All structural element widths must be in percentages, not pixels (padding, margins, and borders can be pixels)
  - o Pixels *can* be used when styling your computer screen body with a max-width;
- Have all font sizes coded as ems;
- Include commented math equations, such as /\* 36 / 16 \*/, for all em sizes;
- Have all fonts be from GoogleFonts (unless you have requested permission to use AdobeFonts);
- Include box-sizing code in the main section of main.css;
- Include media queries for specific layouts for cell phones, tablets, and computer screens;
- Reduce code redundancy by putting all global styles in the main section, leaving the media queries for screen-specific codes;
- Validate against the W3C CSS Validation Service (<http://jigsaw.w3.org/css-validator/>).

**Generally, please ensure:**

- All files are in the correct folders on your server (such as, images in the images folder, css in the styles folder);
- All filenames, including image files, are meaningful, lowercase, and without spaces;
- Your server space should be free from clutter and files located in the wrong location