HTML/CSS Digital Badges

CoderDojo

beginner
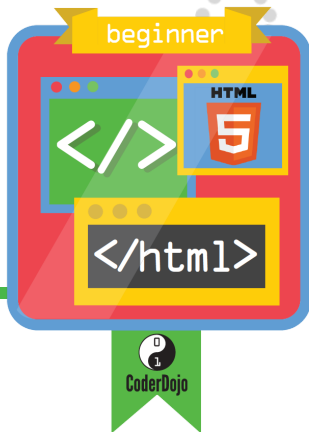
The owner of this badge has proven their creativity and knowledge of HTML and CSS by learning core principles such as:

- Using a text editor to create and save a HTML file.
- Building a site that has a heading, paragraph text, a list and an image.
- Using a web browser to open this file and display their site.
- Linking pages to each other and also linking one external site on the web.
- Creating a table that includes headers and multiple rows.
- Creating a CSS file and styling their site by designing a simple menu bar and changing colours, backgrounds and borders.

This can be shown by either of the following:
- Completing the official CoderDojo HTML and CSS Sushi (Beginner) cards. [http://kata.coderdojo.com/wiki/My_First_Website]
- Creating a simple website using HTML and styling it with CSS, showing that they understand the core principles outlined above.

intermediate

The owner of this badge has proven their creativity and knowledge of HTML and CSS by demonstrating principles of these languages including:

- Have a basic understanding of how and why to use the Developer Tools in their web browser, in particular the Inspector.
- Understand how to use classes and IDs to assign CSS properties to HTML elements, as well as the difference between the two
- Know how to use relative (e.g. %, vh, em) and absolute (px) measurements and understand the difference
- Know how to use the hover pseudo-class with a selector in CSS to produce a visible change in an element
- Animate HTML elements by use of CSS animations and keyframes

To earn this badge the applicant must first have been awarded the HTML and CSS Beginner Badge.

advanced

The owner of this badge has proven their creativity and knowledge of HTML and CSS by demonstrating:

- Using a simple template for their web page (copy-pasted)
- Building an animated menu from a ul element with CSS Transitions
- Understanding and using the technique of a relatively positioned parent and absolutely positioned child element(s)
- Understanding of the z-index & visibility properties
- Using pseudo-classes other than hover, e.g. click, target, etc.
- The ability to search online for solutions to issues they encounter

To earn this badge the applicant must first have been awarded the HTML and CSS Intermediate Badge.