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Report

The three main elements of most webpages are HTML, CSS and JavaScript. These three components of Web each serve a different purpose in the creation of a webpage. Hypertext Markup Language (HTML) provides the content on the website. This is the first layer which lays down the information that is to be displayed. With the assistance of Cascading Style Sheets (CSS), the website gains a new dimension. The addition of colour and moving elements is now possible with the use of CSS. JavaScript, while not always necessary, is a scripting language that further gives a website a positive look. It is the interactive element that allows for actions such as the collection of user data from forms and such.

These three elements— HTML, CSS, and JavaScript— work together to make a website informative, aesthetically pleasing, and user friendly. When creating these websites, it is ideal to save the changes made, relatively often, to ensure no progress is lost and previous versions can be called back if need be. There are applications that provide this version control: GitHub is an example of one. In the library world, it is expected that you have a basic understanding of technologies in order to properly conduct yourself in the workplace. It is one thing to know how to use technology and a whole other to understand how it works. Having a basic understanding of these technologies can come in handy if, for example, someone is in a position where they are in charge of a small local library. The budget may not allow for a team of techs to build a website; however, if the library technicians are capable of putting an informative page together, it will generate more publicity for the branch, as the digital world is always

becoming increasingly prominent in everyone's daily lives. For these reasons, it is very important for library and information services to integrate an understanding of technologies such as HTML, CSS and JavaScript into their knowledge bank.