

Innovation Report

The technologies learned in this class can be useful for many aspects of the Library and Information Technology field. When searching a complicated database that has overwhelming information, HTML, CSS, and JavaScript work together to make the information more accessible. For example, the HTML aids in accessibility with images. There is an alt attribute that provides a description of the image, so users who are visually impaired will know what the picture is about (it is also convenient if the image does not render). The CSS helps the database look and feel more user-friendly, and it makes the database accessible across different platforms such as a mobile device or a desktop computer. CSS also makes it easy to maintain a website and make changes to keep it up to date. JavaScript helps a user interact with a database or website and can behave differently between mobile devices or desktops. For example, JavaScript may allow the database to show more detailed information on a desktop computer, but only show the basic information on a mobile device. The user can select which platform works best for their situation.

GitHub is convenient for tracking changes to records. In an information management role, the user would be able to share records with others through GitHub, keep information organized, and know about any changes made to records.

Finally, Pexels is a great way to add visuals to marketing materials (for example: promoting the library programs) with no cost to the user or institution.