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Innovation Report

The face of libraries and information management jobs are changing with the developments of new technologies and a move towards more services and workplace infrastructure becoming web based. These days, more than ever, we are seeing the importance of websites in accessing information and services when businesses are physically closed. Having a good understanding of HTML, CSS, JS, Github and other technologies will help the graduates of Algonquin's Library and Information Technician program to not only understand and troubleshoot the websites and systems that we will use in our daily work, but also to develop them if working in a small library setting where this may be necessary.

HTML is fundamental to web development. Having a thorough understanding of HTML is imperative for a Library and Information graduate as it is the basic structure of a website. If a graduate understands HTML, they can create websites with that are easy to use for the user. Graduates in the field can keep clients happy by keeping the user's best interest in mind when web developing. Graduates can view the HTML on their site and possibly correct it, if not functioning, to better assist clients. Understanding HTML also helps those working in the Library and Information field to understand how their websites function for the different devices and sizes that are common nowadays.

However, understanding HTML alone is not enough for today's standards. Library and Information graduates need to understand the CSS that creates an attractive look on their websites. Clients do not want to use websites in basic HTML that look like they are from the 1980's. By using CSS, graduates can improve the layout and visual appeal of their websites, improving customer satisfaction.

Finally, understanding JS and the role that version control Github can play is important to the Library and Information graduate. JS provides the user with interactivity that is both engaging and visually appealing. It improves customer satisfaction with a website. Tools like Github are valuable when working in teams in the Library and Information field. Team members can easily view coding history and push changes remotely to a project. Github saves the many stages of a web design project and makes it easy to go back to an earlier version.

In conclusion, with the growing importance of technology in the Library and Information Services field, it is more important now than ever before to have a thorough understanding of HTML, CSS, JS, Github, and similar technologies.