LIB2024_Information Application

Innovation Report

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I have always wanted to learn how to code; although, I did not know where to begin. Through the Internet Application course, I realized that individuals who do not have specialized training in computer programming can successfully build a website or run a simple program, without prior experience. As possessing digital literacy skills, including computer programming and coding, is now as important as reading skills; I believe it is necessary for public and school libraries to offer courses that teach an introduction to coding.

During the course, I learned basic coding skills including how to combine text, graphics, and animation to create websites as well as Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), JavaScript and JavaScript Object Notation (JSON). Knowledge gained through the course, can be used to update information on a library website. In addition, experienced library staff can assist with programs that introduce basic coding activities. This will be particularly helpful, in school library settings. Basic programming skills are incredibly useful when it comes to designing courses that teach students how to code and complete related projects. This is beneficial for children, as it can help them enhance problem-solving skills, mathematical reasoning, and creativity.

In both public and school libraries, staff should consider running programs in collaboration with computer science departments at local universities and institutions. My perspective regarding computer programming and coding has changed for the better. After completing this course, I believe I can assist library patrons with questions about coding or programming. In addition, I can discuss relevant resources confidently and without hesitation.