

When it comes to Library and Information Sciences, HTML, CSS, Javascript and Github can come into play for a variety of reasons. For example, artificial intelligence is becoming a larger part of libraries and how staff can organize and access large amounts of data, such as the library collection/catalogue. Artificial intelligence is borne of HTML and other coding languages, and will inevitably become very valuable to libraries. AI can be used to better manage search queries and results from users of the catalogue, whether that be staff or patrons. These queries and results can be used to refine searches, and if tied to patron accounts, could be used to predict what patrons may like in terms of items in the collection that the patron may enjoy, instead of blindly searching the catalogue for items.

Employing artificial intelligence via coding in libraries will also open up another avenue for collaboration between libraries and the public, particularly the tech sector in this case. Libraries could partner with the private tech sector, post-secondary institutions or possibly government sectors as well as all branches could mine the data collected from artificial intelligence searches in the public and discover trends in what the public wants to learn about, and can use that information to freely benefit society by encouraging positive behaviours and information. This encouragement is almost a reverse confirmation bias - instead of learning to only refer to information related to direct searches, artificial intelligence could be trained to reflect social issues in a positive manner instead of creating echo chambers for its users.