

# Innovative Technologies Drive Library and Information Services.

## Innovation Report

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The technologies learned in Internet Applications are essential in the Library and Information Services field as librarians are increasingly working in a digital space. Information is often found in digital form and programming skills are a powerful tool when working with digital information. Computers are the tool we will rely on most, and learning these skills can more confidence when using them. Libraries all have websites and learning skills like HTML, CSS, and JS can allow us to create, and maintain these services for our users instead of having to outsource this work when libraries are often limited by budget. Fundamental programming skills are quickly becoming viewed as an essential skill in the workplace, and learning these skills display a forward-thinking attitude.

GitHub is an invaluable resource to Library and Information Services because it allows people to collaborate on coding projects together, remotely. Libraries are built on the ability to share information, and GitHub allows us to do that very easily. Libraries are increasingly including makerspaces, hackerspaces, and 3D printing, and the people who work in these spaces should have the knowledge and confidence to help library users make the most of these technologies. Learning the basic principles and foundations of coding will allow to better communicate with our users who are seeking to learn these programming languages. A drive for innovation is essential for any field in order to not become obsolete. Libraries are constantly having to prove their relevance in society, and being hubs for innovation and technology will allow them to be at the forefront in the digital age.