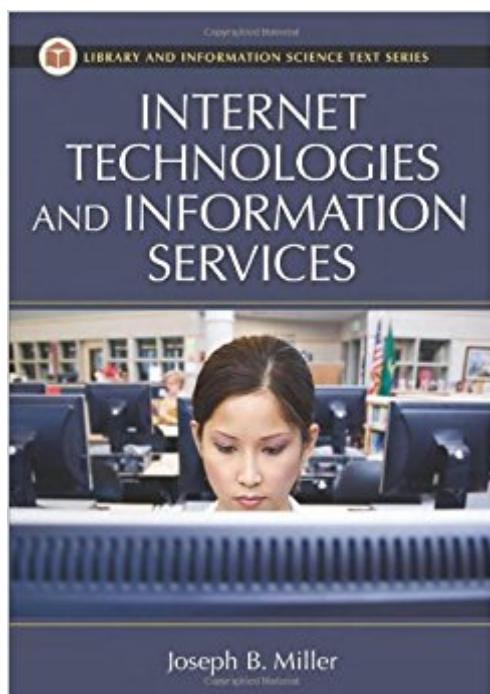


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# Internet Technologies And Information Services (Library And Information Science Text)



## Synopsis

Why another book about the Internet? The answer is simple: while there are a number of excellent books on various aspects of networking, the Internet, HTML, web design, web programming, XML, and web searching, there is not a single survey text that explores each of these topics holistically in the context of the knowledge and skill needs of those preparing for careers in any of the many information technology (IT) intensive fields such as library and information science (LIS), business and management information systems (MIS), and decision science (DIS), to name but a few. In so doing, this foundational text offers its readers both a comprehensive overview of basic counseling and tested solutions to a variety of technical situations. The perfect introduction for students lacking technological expertise while called upon to demonstrate a working knowledge of basic concepts and applications.

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Part 1 focuses on the technologies of the Internet, specifically networks, TCPIP, higher level Internet protocols, and security issues for Internet connected PCs. Part 2 focuses on the many forms of Internet content and how it is created: documentary and multimedia formats; web graphics; web publishing in HTML; principles of good web design; controlling presentation with styles; web scripting and dynamic content; and the possibility of the semantic web with XML. Part 3 is devoted to the topic of Internet information retrieval and includes a brief overview of the principles of IR; Internet searching past and present; a detailed examination of search engine functions and limitations; peer-to-peer approaches; image and multimedia IR; and enhancing intellectual access by the application and use of metadata.

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## Book Information

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## **Customer Reviews**

"Enhanced with the inclusion the appendix entry 'The Binary Machine', a glossary, bibliography, and index, Internet Technologies and Information Services is as comprehensive as it is 'user friendly', making it ideal as a course textbook and for on-site librarians seeking to accommodate their own community or school library to the age of the computer." - The Midwest Book Review". . . a current example of just what all librarians, including teacher-librarians, need to understand about the digital and virtual world." - Teacher Librarian"For students in library and information science, business and management information systems, and decision science, this text introduces internet technologies and applications. Miller (library and information science, U. of Kentucky) covers network and internet technologies and fundamentals, networking and connection technologies, and internet protocols; web design and publishing, including HTML, graphics, CSS, web programming, and XML; and internet content, information retrieval, search engines, and Web 2.0. He defines each, and discusses their applications and how they work." - Reference & Research Book News". . . contains solid information about the subjects presented . . . This book does a fine job summarizing, and familiarizing the reader with, basic technology concepts. Summing Up: Recommended. All levels of undergraduate and graduate students." - Choice"The extensive Bibliography and the Glossary of Computer and Technical Terms/Vocabulary contained in the book are very useful. This monograph is a precise survey of all the aspects of Internet exploration as currently experienced. Internet Technologies and Information Services would be a good text for learners interested in an introduction to this field and a helpful addition to any collection on the internet and Web searching." - Library Times International" A useful book for one considering a text for such a course, or as a

teach-yourself work, this is not a work to be read lightly." - ARBA

Joseph B. Miller earned a B.S. degree in biology from the University of Minnesota, his MLS degree from the University of Kentucky in 1992 and accepted a faculty appointment at the University of Kentucky in 1993. Since 2003, he has held the rank of Associate Professor in the School of Library and Information Science and serves as Coordinator of Computing Services for the school. He devotes the majority of his efforts to teaching technology courses in the SLIS curriculum, managing technology resources, and the delivery of technology workshops to librarians throughout the state. Mr. Miller has published work in both biology and library science. He is a member of the Beta Phi Mu Honorary Society and the recipient of several awards, including the SLIS Melody Trosper Award (1992) and the College of Communications and Information Studies Excellence in Teaching Award (2000).

Extremely useful for information retrieval and organization: explains the theories behind different organizing systems and how to most readily use them with easy access. Organizing is worthless if you put it away so well that you can never find it again. As a textbook, good reviews of chapters, sample quizzes, glossaries, and graphics make it easy to visualize some of the concepts that are explained. One concern would be how long until these become out of date, but in any case, as of right this second, it's current.

Found out after class started that the textbook was pretty much optional, but in reading it on my own, I really enjoyed the text and it helped me understand some of the concepts that were in my class, so overall I liked it.

Just as described

In economically stressful times the local community library assumes an even more vital role in the well-being of the community as a source of useful and useable information as their patrons seek to survive and thrive against the challenges that a recession inevitable entails for them both personally and professionally. The latest addition to Libraries Unlimited's outstanding 'Library and Information Science Text' series, "Internet Technologies And Information Services" by Joseph B. Miller (Associate Professor in the School of Library and Information Science, University of Kentucky), who draws upon his many years of experience and expertise (which includes his currently serving as

Coordinator of Computer Services for his school) to provide students, librarians, and non-specialist general readers with a complete single volume course on internet technologies and their role and utilization within the context of a library system. Of special note are the sections associated with 'Web Publishing' and 'Internet Content and Information Retrieval', as well as 'Libraries and the Internet: Learning from the Past, Exploring the Future'. Enhanced with the inclusion the appendix entry 'The Binary Machine', a glossary, bibliography, and index, "Internet Technologies And Information Services" is as comprehensive as it is 'user friendly', making it ideal as a course textbook and for on-site librarians seeking to accommodate their own community or school library to the age of the computer.

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