Library resources for computer and information science

1. Library resources for computer and information science

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2. This tutorial covers the following topics:

3. 1.) accessing the research guide for computer and information science.
4. 2.) searching for and retrieving full text articles from the library databases, including the ACM and IEEE databases.
5. 3.) searching Lumen, the library catalog, for print and electronic books.
6. 4.) accessing previous Master’s theses in Lumen.
7. 5.) definition and explanation of the literature review process.

8. Start on the library homepage:

   http://libguides.regis.edu/library

9. Click the Subject and Course Research Guides link

10. Click the link for the Computer & Information Sciences guide

11. ACM, IEEE, and other article databases

12. Select the Articles tab to search for newspaper, magazine, and journal articles

13. The Regis Library subscribes to article databases provided by two of the premier professional societies for computer science, the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE)

14. Click the link for the ACM Digital Library database

15. Enter terms in search box

16. Click the Pdf link to view the article

   Here is an example of an article available directly from the ACM Digital Library database.

17. Full text is not provided by ACM (indexing only).

18. Return to the library homepage

19. Select Interlibrary Loan to request articles not available via the Regis Library

20. Faulkner’s IT & Security Management reports

21. In addition to newspaper, magazine, and journal articles, the library provides access to a variety of IT reports covering companies, software, hardware, products, network security, and more via the Faulkner’s databases.

22. Select the link for the Faulkner Advisory for Information Technology Studies database

23. Enter keyword(s) here

   Searching the Faulkner databases is straightforward. A single search box is provided and a keyword search will be performed retrieving matches found anywhere in the document.

24. Click the title to view the report

   Reports include the author’s name

25. Publication date

   and a Table of Contents.

26. Print and Electronic Books in Lumen, the Regis Library catalog

27. Click the Books tab on the Computer and Information Science Research Guide

28. Enter terms in search box for Lumen, the Regis Library catalog.

29. Search results will include catalog records for any print books the library owns.
37. All electronic books the library has access to are also cataloged in Lumen. Depending on your search terms, you may retrieve records for any electronic books for the specified topic.

38. The library also catalogs reports from government agencies. In many cases, you can access these reports using the link in the catalog record.

39. Click the title to open the catalog record.

40. For electronic resources, look for a link in the catalog record that will connect you to the source.

41. After clicking the link, you may be prompted to log-in with your RegisNET account info before proceeding to the source.

42. The Books24X7 collection contains materials related to business, IT, and computer science topics.

43. Use the links in the Table of Contents to view the text.

44. Students in Colorado can have print books delivered to any of the Regis University campus locations using the Prospector catalog.

45. Students outside of Colorado can have print books mailed to their home address using interlibrary loan.

48. Online access to Master's degree theses in Lumen.

49. Since 2005, select programs at Regis University have provided electronic copies of graduate student theses to the library. These papers are included in the Lumen catalog.

50. To view theses enter the acronym for the degree program and the keyword “thesis”.

51. Click the Submit button.

52. Click the title to open the catalog record.

53. Click the Electronic Document link to view the paper in PDF format.

54. Viewing previous theses can help you gain a sense of the style requirements for this type of paper. You can also look at the list of references at the end of the paper as a means to discover other relevant materials on the topic.

55. However, this is not an invitation for plagiarism! You are responsible for conducting your own research and producing your own original thesis.

56. The literature review and you.

57. As you read the published literature for your research topic, you will begin to notice that academic articles typically include a section that summarizes previous research related to the topic. This summary of previously published research, commonly called a "literature review", helps provide the reader with the necessary background knowledge about the topic. It also helps establish the authority of the author as an expert on the topic.

58. The literature review is commonly included at the beginning of the article.

59. The author may use the specific phrase "literature review" as a section heading.

60. or the author may use a different phrase or heading that implies consultation of previous works.

61. Articles that include a literature review are valuable to you as a researcher because they will include a list of references that you can use as a discovery tool for identifying additional articles related to your topic.

62. Your capstone or thesis project should include a literature review. As mentioned before, the literature review will help provide you with the knowledge necessary to understand the significance of your own research. It will also demonstrate to your instructors that you have performed a sufficient level of research and are well informed on the topic.

63. Performing an effective literature review means utilizing a broad variety of sources. You cannot simply rely on the content provided by a single journal or article database.
an expert level of understanding you will need to search different databases and reference works for materials related to your topic.

64. Contact the library reference desk if you have additional questions.

65. END