As the subject librarian for the Computer Science Department, I can:

- Work with you to develop assignments that require scholarly or non-scholarly sources and determine which resources best fit the objectives of the assignment
- Create a course website (libguide) with discipline-specific resources tailored to your class assignments (see the Computer Science libguide)
- Embed resources into your course site (blackboard)
- Visit your class or reserve the library's classrooms to help students find and use information sources
- Help you identify open educational resources or order materials to support your curriculum.

LIBRARY AND INFORMATION RESOURCES IN COMPUTER SCIENCE
For all Electronic Resources provided by the Library, see http://siue.libguides.com/az

FINDING BOOKS
I-Share Catalog
- Catalog for Lovejoy Library and some 75 other Illinois Libraries
- You can submit interlibrary loan requests directly through the catalog for many items.

Can’t find what you’re looking for in the I-Share catalog?
Use Illiad, the electronic interlibrary-loan request system to request books, articles, technical papers, patents and more!

WorldCat
- Online Catalog for more than 44,000 libraries worldwide.

An array of Subject Headings or terms to use in I-Share or WorldCat:

- Application Software
- Artificial Intelligence
- Client/server computing
- Compilers (Computer programs)
- Computer Algorithms
- Computer architecture
- Computer Engineering
- Computer graphics
- Computer interfaces
- Computer networks
- Computer organization
- Computer programming

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Computer programs  Computer security  
Computer simulation  Computer software  
Computers  Data Structures (Computer science)  
Data Warehousing  Database design  
Database management  Databases  
Electronic data processing  Electronic data processing – distributed processing  
Electronic digital computers  End-user computing  
Functional programming  Genetic programming  
High performance computing  Internet  
Internet programming  Java (Computer programming language)  
Local area networks (Computer networks)  Mobile computing  
Object oriented programming (Computer science)  Object oriented methods (Computer science)  
Operating systems (Computers)  Parallel processing (Electronic computers)  
Parallel programming (Computer science)  Programming languages (Electronic computers)  
Soft computing  Software engineering  
Structured programming  System analysis  
System Design  TCP/IP (Computer network protocol)  
Web Sites – Design  Wide area networks (Computer networks)  
World Wide Web  

[In the I-Share catalog, other related subject headings will often be suggested when you enter a subject search.]  

FINDING JOURNAL ARTICLES – Online Indexing and Abstracting Services  

**ACM Digital Library.** Library’s license to Association for Computing Machinery includes Journals, Magazines, & Transactions, not conference papers. Includes The Online Guide to Computing Literature, an index and guide to computing science literature—including bibliographic citations and abstracts.  


**IEEE Xplore** IEEE’s portal to a vast array of technical literature in electrical engineering and computer science. Library now subscribes to the full-text of the Journals, Conference Proceedings, and Standards.  

**Scopus** Scientific, technical and medical information, engineering, social sciences, arts and humanities. The world’s largest abstract and citation database of peer-reviewed literature and quality web sources.  

**ABI/INFORM Complete (ProQuest)** Abstracts articles in all subject areas of business and economics; covers both trade periodicals and academic journals. Would be an excellent source for articles on business aspects and applications of computing. Very good indexing vocabulary.  

**Synthesis Digital Library of Engineering and Computer Science Collection 1** Engineering and Computer Science  
**Synthesis Digital Library of Engineering and Computer Science Collection 2** Engineering and Computer Science  
**Synthesis Digital Library of Engineering and Computer Science Collection 3** Engineering and Computer Science  

**Academic Search Complete** Comprehensive index to journal literature of all disciplines.  

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