The following sources in this guide are good places to begin your research.

I. Background Sources designated with REF in the call number, unless otherwise noted, are located on the first floor of the Reinsch Library and do not circulate. See also Safari Tech Books Online for many current titles on ALADIN (http://www.aladin.wrlc.org) under the Information Technology Databases section below.

Specialized Handbooks

The Computer Engineering Handbook. REF TK7885 .C645
Reviews achievements, issues, and future directions of computer design and engineering.

Encyclopedia of DataWarehousing and Mining REF QA 76.9 D37 E52
Includes basic information about data warehousing as well as information for businesses on how to manage data warehouses.

Encyclopedia of Mobile Computing and Commerce. (2 vol.) REF QA76.59 .E47
Entries on emerging mobile technologies and applications in the context of commerce and commercial enterprises.

Handbook of Applied Cryptography. REF QA76.9.A25 M463
Introduction to the practical aspects of conventional and public-key cryptography; provides information on techniques and algorithms in the field; also covers protocols and standards.

II. Books

Search the ALADIN Catalog for books owned by MU or other members of the WRLC. For additional information review the Help Screen Options and refer to the handouts Tips and Techniques: Catalog Search and Finding Materials in the Library to browse subjects by call number.

To Search by Subject
The quickest way to search for a subject is by typing one or more keywords or a person’s name in the search box and clicking on Keyword. For additional results, click on a book that addresses your subject and look at the Subjects assigned to that book. Click on that Subject Heading to view additional titles.

TIPS
1. Enter one or more terms which best describe your topic.
2. Use and, or, not to combine terms: indexing and algorithms
3. Use quotation marks to search words as a phrase, “object-oriented refactoring”

Always assume that we have books on your subject. If you aren’t finding anything, ask for help at the reference desk or email library@marymount.edu.
III. Articles. Search the databases in ALADIN at [http://www.aladin.wrlc.org/](http://www.aladin.wrlc.org/). Dates of indexing and full-text will vary by publication and by database.

If you have the name of a journal and you are trying to locate a database which indexes that title use [e-Journals at Marymount](http://www.aladin.wrlc.org/) and type in the title of the journal.

**Information Technology Databases**

**Computer and Applied Sciences Database**
This database covers the whole of the Information Technology field including business, social and engineering implications of IT.

**ACM Digital Library**
Full-text of all ACM (Association for Computing Machinery) publications. Also includes the ACM Guide to Computer Literature, a bibliographic collection from major publishers in computing.

**ProQuest Computing**
Includes coverage of database design, software development, web commerce, LANs, WANs, Intranets, and the Internet. Use the **Find a Copy** link and then the **Find it** button to link to full-text.

**ProQuest Telecommunications**
An index to full-text articles from top telecommunications industry publications including magazines, journals, and newsletters. Use the **Find a Copy** link and then the **Find it** button to link to full-text.

**Safari Tech Books Online**
A collection of electronic books on topics such as networks, security, programming, software engineering, operating systems, and markup languages. Browse books by category or search by author, title, or publisher.

**Multidisciplinary Databases**

**ABI Inform Dateline**
**ABI Inform Trade & Industry**
These three databases provide access to journals and periodicals in the fields of business, commerce, companies, and computers. Use the **Find a Copy** link and then the **Find it** button to link to full-text.

**Academic Search Complete**
Indexes and provides full-text to journals and reference sources from a broad range of subjects, including computer science. Use the **Find it** button to link to full-text.

**Factiva**
Includes full-text from thousands of journals and newspapers as well as transcripts from news and public affairs programs.

**LexisNexis Academic**
Nearly 5000 publications, the majority in full-text, cover news, legal, business and medical information. Includes transcripts from many broadcast, cable and radio news programs.

**MathSciNet**
Comprehensive coverage of the world’s mathematical literature since 1940. Includes the Mathematical Reviews Database and full-text access to journals published by the American Mathematical Society.
Finding Articles

Refer to the handout Tips and Techniques: How to Find Journal Articles.

IV. Internet Resources

Below are listed some relevant resources. The web version of this guide (http://www.marymount.edu/lls/guides/) provides direct links to these sites. For suggestions on how to find other academic web sites refer to the handout Tips and Techniques: Researching the World Wide Web.

Portals

Collection of Computer Science Bibliographies http://liinwww.ira.uka.de/bibliography/index.html
A collection of bibliographies of scientific literature in computer science from various sources, covering most aspects of computer science.

Computer Science Resources http://library.albany.edu/subject/csci.htm
A gateway to computer science resources on the Web, arranged by broad subject categories, including: professional associations, conferences, technical reports, dictionaries, and programming languages.

The ODP Computers category contains links to sites about computers in general, computing concepts, and specific aspects of computers, such as hardware, software, the use of computers, databases, and the Internet.

Other Useful Sites

Free Online Dictionary of Computing http://foldoc.org/

Infomine - Physical Sciences, Engineering, Computing & Math http://infomine.ucr.edu/cgi-bin/search?category=physci
A virtual library that provides organized access to important university level research and educational tools on the Internet. This section covers Physical Sciences, Engineering, Computing and Math.

V. Miscellaneous Tools

Technical Reports and Grey Literature include reports, brochures, guides, product information, research and technical reports, preprints, working papers, and conference papers published by government, academic, and business organizations.

CiteSeer: Scientific Literature Digital Library http://citeseer.ist.psu.edu/cis
Indexes over 600,000 full-text documents in scientific fields, includes citation analysis and reference linking.

Google Scholar http://scholar.google.com/
Indexes peer-reviewed papers, theses, books, preprints, and technical reports; includes citation analysis and reference linking. When accessed through ALADIN entries are annotated to show MU resources; look for our “Search ALADIN” link.

Help Site Computer Manuals http://help-site.com/
A directory of links to over 800 online documents categorized into hardware, software, programming and networking.
Access to technical reports authored by HP researchers. The site includes full-text materials with indexing back to 1990.

Access to article citations and technical papers authored by IBM researchers. The site includes some full-text materials with indexing back to 1987.

Provides access to computer science publications, technical reports, and projects authored by Microsoft researchers. Most material is full-text.

Networked Computer Science Technical Library (NCSTRL) [http://www.ncstrl.org]
This database is a collaborative effort between academic, industrial, and government research laboratories that provides access to an international collection of computer science research reports and papers.

Federated search tool of over 200,000 records from more than 600 developers provided by the National Standards Systems Network; includes links to purchasing information.

White Papers, Webcasts, and Case Studies - ZDNet [http://whitepapers.zdnet.com/]
Full-text digital library of technical white papers, web casts, and case studies on IT-related topics. Requires a free registration to view materials.

World Wide Web Consortium [http://www.w3.org/]
International organization produces web standards for markup languages such as XHTML and CSS, includes technical reports and current developments for web standards, as well as code validation tools.

For further information, stop by the reference desk, call (703) 284-1649, e-mail library@marymount.edu, or instant message (via AOL, Google Talk, Meebo, MSN, or Yahoo!): AskMULibrary.

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