

COMPUTER SCIENCE

This is a guide to the Library's collection in Computer Science. It is not comprehensive, but rather provides a good starting point for research. From these sources, you may be able to locate other related works. Please don't hesitate to ask a librarian if you need further assistance.

Subject Headings:

Computers	Computer Graphics	Computer Networks
Computer Programming	Computer Science	Computers and Civilization
Internet Programming	Microcomputers	Operating Systems (Computers)
Programming Languages	Web Site Development	

Call Numbers For Browsing:

QA 75.5 – 76.95	Computer Science	TK 385	Computer Graphics
TK 5105.875-5105.888	Internet, Etc.	TK 7885 – 7895	Computer Engineering
TK 7895	Computer Hardware		

Databases:

Computer Database – Computer related news, products and reviews on topics such as hardware, software, technology applications, communications, electronics, and engineering.

Academic OneFile – Comprehensive database with millions of articles from journals and other reference sources. Includes articles on a variety of subjects such as: business and small business, communications and mass media, computers, criminal justice, diversity, education, environmental studies, health and medicine, landscaping and horticulture, military and terrorism, pop culture, psychology, religion and philosophy, and science.

General OneFile – One-stop source for news and periodical articles on a wide range of topics: business, computers, current events, economics, education, environmental issues, health care, hobbies, humanities, law, literature and art, politics, science, social science, sports, technology, and many general interest topics. Millions of full-text articles, many with images.

OmniFile Mega – General database with information on a variety of topics including education, science, humanities, social sciences, and more.

Safari Books Online – Collection of over 200 recently published, full-text books in computer programming and Information Technology (IT), including Cisco, Java, e-Business, Linux/Unix, Macintosh, programming, desktop, web development and administration, Windows, Software engineering, .NET, and more.

Journals:

<i>C/C++ Users Journal</i>	<i>Computerworld</i>	<i>Dr. Dobb's Journal</i>
<i>eWeek</i>	<i>Layers (formerly Mac Design)</i>	<i>Linux Journal</i>
<i>MacWorld</i>	<i>Maximum PC</i>	<i>Online</i>
<i>PC Magazine</i>	<i>PC World</i>	<i>Wired</i>

Selected Books:

Bakharia, Aneesha. *Microsoft Visual C#*. Boston: Thomson/Course Technology, 2006. **QA 76.73 .C154 B354 2006**

Barile, Ian. *Protecting Your PC*. Boston: Charles River, 2006. **QA 76.9 .A25 B37734 2006**

Campbell-Kelly, Martin. *Computer: A History of the Information Machine*. Boulder, CO: Westview, 2004. **QA 76.17 .C36 2004**

Cannings, Rich. *Hacking Exposed Web 2.0: Web 2.0 Security Secrets and Solutions*. New York: McGraw-Hill, 2008.
TK 5105.59 .C363 2008

Chow, Garrick. *Adobe Dreamweaver CS3: Includes Exercise Files and Demo Movies*. Berkeley, CA: Peachpit, 2007.
TK 5105.8885 .C45 2007

More Selected Books:

Dictionary of Computer Science, Engineering, and Technology. Boca Raton, FL: CRC, 2001. **Ref QA 76.15 .D5258 2001**

Downing, Douglas. *Dictionary of Computer and Internet Terms.* Hauppauge, NY: Barron's, 2006. **QA 76.15 .D667 2006**

Encyclopedia of Computer Science. 4th ed. London: Nature, 2000. **Ref QA 76.15 .E48 2000**

Gershenfeld, Neil A. *Fab: The Coming Revolution on Your Desktop – From Personal Computer to Personal Fabrication.* New York: Basic, 2005. **T 174 .G476 2005**

Hacker's Challenge 3: 20 Brand-New Forensic Scenarios and Solutions. New York: McGraw-Hill, 2006. **QA 76.9 .A25 H32 2006**

Hally, Mike. *Electronic Brains: Stories From the Dawn of the Computer Age.* Washington, DC: Joseph Henry, 2005. **QA 76.17 .H35**

Love, Chris. *ASP.NET 2.0: Your Visual Blueprint for Developing Web Applications.* Indianapolis: Wiley, 2008. **TK 5105.8885 .A26 L68 2008**

Lowe, Doug. *Word 2007 All-In-One Desk Reference for Dummies.* Hoboken, NJ: Wiley, 2007. **Z 52.5 .M52 L69 2007**

McLaughlin, Brett. *Head Rush Ajax.* Sebastopol, CA: O'Reilly, 2006. **QA 76.73 .J39 M395 2006**

Pfaffenberger, Bryan. *Webster's New World Computer Dictionary.* 10th ed. Indianapolis: Wiley, 2003. **Ref QA 76.15 .P395 2003**

Preppernau, Joan. *Windows Vista Step By Step.* Redmond, WA: Microsoft, 2007. **QA 76.76 .O63 P7415 2007**

Shumaker, Terence M. *AutoCAD and Its Applications.* 14th ed. Tinley Park, IL: Goodheart-Wilcox, 2007. **T 385 .S461466 2007**

Web and Information Security. Hershey, PA: IRM, 2006. **TK 5105.59 .W42 2006**

World of Computer Science. Detroit: Gale, 2002. **Ref QA 76.15 .W67 2002 (2 Vols.)**

Videos:

Caught in the Net **TK 5105.875 .I57 C38 2000**

CyberInsecurity?: Prevention and Protection Solutions **QA 76.9 .A25 C9347 2004**

The History of Computers **QA 76.17 .H577 2004 DVD**

Lifting the Lid: How Computers Work **QA 76.5 .L54 2002 DVD**

E-Books (available via Safari Books Online and netLibrary):

Apple Script: The Definitive Guide (2nd ed.)

Advances in Universal Web Design and Evaluation: Research, Trends and Opportunities

Emerging Topics in Computer Vision

File System Forensic Analysis

Intelligent Assistant Systems: Concepts, Techniques, and Technologies

Internet Imaginaire

Learning SQL

SSH, the Secure Shell (2nd ed.)

The Visibooks Guide to Windows XP

Ubuntu Unleashed

Internet Sites:

Computer Museum History Center

<http://www.computerhistory.org>

Programmer's Heaven

<http://www.programmersheaven.com>

Virus Encyclopedia

<http://www.symantec.com/avcenter/vinfodb.html>

Association for Computing Machinery

<http://www.acm.org>

IEEE Computing Society

<http://www.computer.org>

Computer Science Website Links

<http://library.albany.edu/subject/csci.htm>

Computer Science for Fun

<http://www.cs4fn.org>