

Computer Science -- Career Resources

What can I do with a degree in Computer Science?

Computing professionals might find themselves in a variety of environments in academia, research, industry, government, private and business organizations -- analyzing problems for solutions, formulating and testing, using advanced communications or multi-media equipment, or working in teams for product development... Computing professionals' education does not stop with the college degree, but continues with seminars, conferences, and advanced courses and training. In computer theory and applications, new ideas are developed every day. Success requires an ongoing commitment to learning to maintain knowledge, skills, and career opportunities. (From <http://www.computer.org/education/careers.htm#career>)

Includes Traditional and Non-Traditional Titles, some require additional training or graduate/post-graduate degrees

Computer Science Job-Related Titles		
Computer Programmer Systems Analyst Software Talent Agent Computer Attorney Computer Salesperson Marketing Representative Technical Support Rep. (Systems Engineer) Documentation Specialist	ATM Specialist (Banking Industry) Computer Security Specialist Database Administrator Data Communications Analyst Technical Librarian Software Engineer Hardware Engineer	Field Service Representative Marketing Representative Computer Education Specialist Turnkey Contractor Professor Teacher Patent Attorney Computer-Aided Designer Desktop Publisher

(From <http://www.utexas.edu/student/careercenter/careers/csmath.pdf>)

Bureau of Labor Statistics Information

Computer Systems Analysts, Database Administrators, and Computer Scientists

(<http://www.bls.gov/oco/ocos042.htm>)

- Education requirements range from a 2-year degree to a graduate degree.
- Employment is expected to increase much faster than the average as organizations continue to adopt increasingly sophisticated technologies.
- Job prospects are favorable.

Computer Programmers (<http://www.bls.gov/oco/ocos110.htm>)

- Nearly half of all computer programmers held a bachelor's degree in 2002; about 1 in 5 held a graduate degree.
- Employment is expected to grow much more slowly than that of other computer specialists.
- Prospects should be best for college graduates with knowledge of a variety of programming languages and tools; those with less formal education or its equivalent in work experience should face strong competition for programming jobs.

Computer Software Engineers (<http://www.bls.gov/oco/ocos267.htm>)

- Computer software engineers are projected to be one of the fastest growing occupations over the 2002–12 period.
- Highly favorable opportunities are expected for college graduates with at least a bachelor's degree in computer engineering or computer science and with practical work experience.
- Computer software engineers must continually strive to acquire new skills in conjunction with the rapid changes in computer technology.

Browse other computer-science related job categories by clicking on entries starting with "Computer" (<http://www.bls.gov/oco/ocoic.htm#C>)

Computer Science Job Search/Listings Websites

Computer World (<http://www.computerworld.com>)
 Developers.net (<http://www.developers.net/tech-jobs>)
 Career Tech (<http://www.careertech.com/>)

Professional Associations and organizations

American Association for Artificial Intelligence (<http://www.aaai.org/>)
 Association for Computing Machinery (<http://www.acm.org/>)
 IEEE Computer Society (<http://www.computer.org/>)
 Information Technology Association of America (<http://www.itaa.org/>)
 International Webmasters Association (<http://www.iwanet.org/>)

Books and other Print Resources

Student Development Office Career Services Collection:

TITLE	AUTHOR/PUBLISHER	ISBN#	YEAR
Careers in Focus-Computers		0-89434-407-2	2001
Careers in Computers	Stair, Lila	0-658-01651-2	2002
Careers for Computer Buffs	Eberts, Marjorie	0-8442-4708-1	1999
Graduate Programs in Engineering		0-7689-0936-8	2002
Great Jobs for Computer Science Majors	Goldberg, Jan	0-8442-4746-4	1997
Job Opportunities for Engineers	Peterson's	0-7689-0246-0	1999
Opportunities in Computers		0-658-01639-3	2001

General Computer Science Books At UNT Dallas Library:

TITLE	CALL#	YEAR
Computer Science and Engineering Handbook	QA 76 .C57315	1997
Encyclopedia of Computer Science	QA 76.15 .E48	2000
Encyclopedia of Computer Science and Technology	QA 76.15 .E5 v.40	1999
Spencer's Illustrated Computer Dictionary	QA 76.15 .S66	1995
McGraw-Hill Personal Computer Programming Dictionary	QA 76.6 .M414	1989