
MAJOR-SPECIFIC CAREER GUIDE

Computer Science

Marketable Skills

Computer Science majors develop professional skills including:

- The ability to communicate mathematical concepts and data to diverse audiences
- Experience analyzing problems and designing technical solutions using computing technology
- Comfort adapting to new and changing technology
- Experience developing client-specific systems for processing data
- The ability to design and code computer programs
- Proficiency in multiple programming languages

Relevant Fields

- Computer Science
- Consulting
- Education
- Information Technology
- Operations Research Analysis
- Security
- Software Design
- Systems Analysis

Sample Occupational Titles

Bachelor's Degree:

- Computer Programmer
- Information Technology Specialist
- Systems Analyst
- Web Designer
- Web Developer

Advanced Degree:

- Computer Engineer
- Database Administrator
- Information Technology Architect
- Operations Research Analyst

Print Resources

Find these titles and additional books, periodicals, and handouts in the [Career Resource Library](#):

- [Book of Majors](#) by The College Board
- [Great Jobs for Computer Science Majors](#) by Jan Goldberg
- [Information Technology Jobs in America](#) by Info Tech Employment

Online Resources

Visit these websites and others listed in our [School-Specific Resources](#):

- Computer Work at www.computerwork.com/jobs-by-location/dc
- Hoovers at www.hoovers.com
- Idealist at www.idealists.org
- Occupational Outlook Handbook at www.bls.gov/oco
- O*NET Resource Center at www.onetcenter.org
- USAJOBS at www.usajobs.gov
- Vault at www.vault.com

Professional Associations

The following professional associations offer career-related information and job listings:

- Association for Computing Machinery at www.acm.org
- Data Management International at www.dama.org
- Institute of Electrical and Electronics Engineers at www.computer.org
- The League of Professional System Administrators at www.lopsa.org
- National Center for Women and Information Technology at www.ncwit.org
- National Workforce Center for Emerging Technologies at www.nwcet.org

Find more professional associations at American Society of Association Executives at www.asaecenter.org/Directories/AssociationSearch.cfm