Computer Science

Computer technology is central to the current labor market. Many businesses, professions, and disciplines use computers. Because of ever-changing technology, career opportunities are quite diverse. Careers include business data processing, technical careers with computer manufacturers and software companies, scientific computing careers in various types of laboratories, programming careers for applications in almost any field, and academic careers in universities, secondary schools, and industries.

**Entry-Level Positions**
- Assistant analyst
- Manufacturing engineer
- Software developer
- LAN administrator
- Programmer analyst

**Further Education/Experience Required**
- Consultant
- Programming supervisor
- Systems analyst/network administrator
- Systems integration services consultant
- Associate consultant

**Enhancing Employability**

Participate in internships, network with professionals, and join relevant associations.

**Employers of Computer and Information Sciences Majors**
- Business and industry
- Consulting firms
- Banks and investment firms
- Colleges/universities
- Government
- Telecommunications
- Professional and technical journals
- Research and development
- International agencies
- Military

**Professional Associations and Affiliations**

American Society for Information Science  
[www.asis.org/](http://www.asis.org/)

Association for Computing Machinery  
[http://www.acm.org](http://www.acm.org)

Association for Women in Computing  
[www.awc-hq.org/](http://www.awc-hq.org/)

Computer Jobs and Technical Employment  
[www.computerwork.com](http://www.computerwork.com)  
[www.computerjobs.com](http://www.computerjobs.com)

IEEE Institute of Electrical and Electronics Engineers Computer Society  
[http://computer.org](http://computer.org)

Institute for the Certification of Computer Professionals  
[www.iccp.org](http://www.iccp.org)

International Webmasters Association  
[www.iwanet.org](http://www.iwanet.org)

[Internet Society](http://www.isoc.org)  
[Jobs for Software Developers and IT Professionals](http://www.developer.net)  
[National Workforce Center for Emerging Technologies](http://www.nwcet.org)  
[Tech-centric.net](http://www.tech-centric.net)