



Northeastern University
University Career Services

WHAT CAN I DO WITH A DEGREE IN

Computer Science or Information Science

www.northeastern.edu/careerservices

OVERVIEW

The computer technology field is experiencing rapid growth. According to the U.S. Department of Labor's Bureau of Labor Statistics, employment in computer systems design and related services will grow by 39.5 percent by 2014, which is a faster rate of growth than other industries. The information sector, which comprises software publishing, internet publishing and telecommunication, is projected to have 212, 000 new jobs by 2016. This is due to the increasing reliance of businesses on information technology and the importance of maintaining system and network security. There are a number of job roles related to computer and information science degrees and as every sector requires technology to function, jobs can be found across a wide variety of industries, both public and private.

Department website: <http://www.ccs.neu.edu/>

SAMPLE CAREER TITLES

| | |
|-----------------------------|----------------------------|
| Animator | Network Administrator |
| Computer Forensics Analysts | Quality Assurance Engineer |
| Computer Game Developer | Software Developer |
| Computer Scientist* | Software Engineer |
| Computer Systems Manager | Systems Analyst |
| IT Consultant | Web Designer |
| IT Security Analyst | |

Positions that require additional education or training are indicated by a ().*

Job qualifications are based not only on degree program, but on skills and experience. Students should seek out as many experiential opportunities in their fields of interest as possible, including Co-op and internships.

SAMPLE INDUSTRIES/EMPLOYERS

Software and Computer Companies
Banks and Consultancies
Healthcare Providers
Federal and Local Government
Film and TV Production Companies
Advertising Agencies

Internet Service Providers
Insurance Agencies
Educational Institutions
Computer Gaming Companies
Biotech Companies

INTERNSHIPS

Internships in this field can be searched using the job titles listed earlier, specifying the level as 'intern'. Other more general internships can be searched under the titles computer science internship or information science internship.

To search for internship opportunities, login to [Husky Career Link](#), Career Services' online job and internship bank for opportunities with employers seeking to hire NU students.

CO-OPS

For more information, please visit the department's website.

Students enrolled in the *College of Professional Studies* may click [here](#) for co-op and internship information.

CAREER EXPLORATION & JOB POSTINGS

The following resources include various websites and campus resources that will aid you in exploring this career field and industry.

CAREER & JOB WEBSITES

(THE BELOW ARE HYPERLINKED TO THE PAGES RELEVANT TO CS/IS)

[MassCIS – Massachusetts Information System](#)

[Bureau of Labor Statistics – Occupational Outlook Handbook](#)

[Vocational Biographies](#) (username: NE Univ; password: RAZDE)

[O*NET OnLine](#)

[Internet Technical Group](#)

[SC Magazine for IT security professionals](#)

[Tech Careers](#)

[Gamasutra](#)

[Creative Heads](#)

[Creative Hotlist](#)

[Game Jobs](#)

[Animation World Network](#)

CAMPUS ORGANIZATIONS & ACTIVITIES

Crew: CCIS Volunteer Systems Group

Computer Science LLC

CISters

College of Engineering Connections LLC

nuACM: Northeastern University Association of Computing Machinery

UPE: Upsilon Pi Epsilon

**For additional student organizations click [here](#).*

**For additional student activities click [here](#).*

PROFESSIONAL ASSOCIATIONS

Find valuable industry information, job sites, and professionals in the field you may contact for informational interview requests and networking opportunities.

[Association for Computing Machinery](#)

[Computing Research Association](#)

[Computer Technology Industry Association](#) (CompTIA)

[IEEE Computer Society](#)

[Software Engineering Institute](#)

[Women in Technology International](#)

[Society for Industrial and Applied Mathematics](#)

SOCIAL MEDIA/LINKEDIN GROUPS

Sample LinkedIn.com Groups providing resources such as industry trends, company information, job listings, and networking opportunities within the field:

[Creative design pros](#)

[Information security community](#)

[Technical sales group](#)

[Technology professionals and outsourcing](#)

[Digital Entertainment Career Network](#)

[Girl Geek Coffees](#)