Description of the Field:
Computer scientists engage in a wide array of tasks that include developing new theories of computation and algorithms, designing new hardware and sensors, developing large software systems, evaluating the utility and usability of software systems and studying the impacts of computing technology on society. In engineering contexts, computer scientists work most often on the hardware and software aspects of system design and tend to emphasize the development of prototypes in an iterative and incremental manner.

Explore Majors and Careers

What Can I Do With This Major:
Computer Science, Engineering, Management, Mathematics, Political Science and Government, Statistics

Industry Overview:
Computer & Information Research, Computer Hardware Overview, Computer Software Overview, Software Developers

Sample CU Majors:
Explore Engineering, Computers, and Math

Prepare for an Internship/Job Search

CU Clubs/Organizations:
Association of Computing Machinery (ACM), CU Game Developers Club, CU Women in Computing, Project Epic

Sample Local Opportunities:
Alteryx, AppliedTrust, Arrow Electronics, Ball Aerospace, Broadcom, Connect First, Engrain, Microsoft, NetApp, Return Path

Professional Organizations:
Association for Computing Machinery, Association for Information Systems, IEEE, Society for Information Management, Software & Information Industry Association

Start an Internship/Job Search

Search for Internships & Jobs:

Career Buffs, ACM Job Center, Computer Science Jobs List, Creative & Tech Jobs, DevBistro, Dice.com, Guru.com, Intern Match

Visit Go Global for additional resources. Login to Careers Buffs to find internship and job postings from employers specifically seeking CU-Boulder students.

Adapt for a Changing World

Insider Advice & Trends:

Start your internship searching and employer networking early, and begin applying for internships during the fall semester as many companies begin recruiting in the fall for the following summers internships especially for Computer Science.

Successful candidates have good academic performance, involvement in computer science/engineering-related clubs/organizations, and strong participation in class projects. Articulate your areas of professional interest and utilize your network to create contacts. Participate in workshops and events sponsored by Career Services and your academic departments.

Sample Employers Recruiting at CU:

Amadeus
AppliedTrust
Arrow Electronics
Consulting
Engrain
Google
Microsoft
Missile Defense Agency
NetApp