

**WHAT CAN I DO WITH A MAJOR IN:
COMPUTER SCIENCE**

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What Activities Could Computer Science Majors Do?

Computer Science majors possess a broad variety of skills which make them very valuable to businesses. Computer Programmers write detailed instructions that list in order the steps that a computer must follow in order to accomplish any necessary task. They also conceive, design, and test logical structures for solving problems by computer. Many technical innovations in programming – advanced computing technologies and sophisticated new languages and programming tools – have redefined the role of a programmer and elevated much of the programmer work done today. Computer Systems Analysts plan and develop methods for computerizing business and scientific tasks or improving computer systems already in use. Network Specialists schedule, arrange and supervise the installation and maintenance of integrated computer systems and frequently give the expert knowledge necessary to analyze customer needs.

What Industries Could I Explore As A Computer Science Major?

Manufacturing	Aerospace	Hardware Design	Digital Communications
Healthcare	Industrial/Food Products	Factory Automation	Federal Safety Agencies
Medical Technology	High Speed Computing	Telecommunications	Systems Consulting
Automotive Manufacturing	Environmental Agencies	Computer Aided Design	Insurance
Consulting	Software Development	Finance Industry	Electrical Hardware
Product Development	Communication Technology	Small Business	Information Management

What Employers Hire Computer Science Majors?

Aero Systems Engineering	Alliant Tech Systems	3M	Applied Engineering
Kodak Polychrome Graphics	Best Buy	Cargill Inc.	Capital One
Cummins Engine Company	Medtronic	Compaq	Cypress Semiconductor
Merck & Co.	Deere and Company	Mayo Clinic	Ecolab Incorporated
Caterpillar Incorporated	Eaton Corporation	EMC Corp.	Kohler Company
Central Intelligence Agency	Honeywell	IBM	Goodrich Corporation
Lucent Technology	Johnson Controls	Ford Motor Co.	Polaris Industries

What Are Some Full-Time Job Titles For Computer Science Majors?

Computer Programmer	Field Engineer	Operating System Analyst	Network Support Analyst
Circuit Design Engineer	Automation Engineer	Control System Specialist	Electronic Test Engineer
Software Test Engineer	Technical Analyst	Management Consultant	Software Programmer
Integration Test Specialist	Project Engineer	Systems Performance Engineer	Software Developer
Computer Systems Analyst	Component Design Engineer	Programmer	Software Engineer

What Are Some Websites For Computer Science Majors?

Computer Work	computerwork.com
Software Jobs	www.softwarejobs.com
Software Developer	www.softwaredeveloper.com
IEEE Computer Society	www.computer.org

Information on this page was compiled from the Occupational Outlook Handbook, the Encyclopedia of Careers and Vocational Guidance, University of Minnesota departmental websites, and student-reported data.