

Computer Science and IT IN THE FEDERAL GOVERNMENT

Sample Job Profiles

COMPUTER SCIENTIST

Salary Range: \$34,548-\$135,136 per year

Duty Locations: Montgomery County, MD

Agency Profile: An agency of the U.S. Department of Commerce's Technology Administration, the National Institute of Standards and Technology's primary mission is to promote U.S. economic growth by working with industry to develop and apply technology, measurements, and standards. Visit: www.itl.nist.gov/open.htm

Major Duties: Conduct applied research directed toward the development of software conformance test methods and tools, new software standards, and static analysis tools. Develop test and measurement tools and methods; standard reference materials of error, fault, and failure data. Program in C, C++, and Java under UNIX or Windows NT, develop parsers and testing tools, apply formal methods to develop mathematical specifications for software conformance tests.

INFORMATION TECHNOLOGY SPECIALIST

Salary Range: \$48,607- \$63,185 per year

Duty Locations: Washington, D.C.

Agency Profile: The U.S. Department of Labor offers rewarding opportunities to contribute to a noble mission; to serve and protect American workers, prepare them for new and better jobs, and to ensure the safety and fairness of American workplaces.

Visit: www.dol.gov/dol/jobs.htm

Major Duties: Provide a variety of services to administer, develop, deliver, and support the Bureau of Labor Statistics (BLS) information technology systems and services: Work with customers to define project/task requirements. Analyze IT software and/or hardware problems and recommend possible solutions to meet customer requirements. Develop, implement, evaluate and maintain hardware and software systems. Modify current software and/or hardware or recommend new systems.

Search for jobs at: usajobs.opm.gov

FEDERAL EMPLOYERS CAN HELP YOU REPAY YOUR STUDENT LOANS

- ★ Agencies are authorized to help repay up to \$10,000 of a loan per year, up to \$60,000 total per employee.
- ★ An employee who receives student loan repayments must commit to remaining in the service of the federal government for at least three years.
- ★ In 2006, the federal government provided **5,755 employees with \$36 million** in loan repayment.

For more information, visit:
<http://www.opm.gov/oca/pay/studentloan>

FIND AND APPLY FOR FEDERAL JOBS AND INTERNSHIPS ONLINE

MakingtheDifference.org provides valuable information and resources about job and internship opportunities in the federal government. On the site you'll find more information about federal agencies, an overview of the benefits of federal service, a directory of federal internships, "hot jobs" and "cool internships," tips for finding and applying for federal jobs, and much more. Plus, you'll see how federal employees are making the difference every day.

USAJobs.gov is a great place to begin your job search. It is administered by the U.S. Office of Personnel Management, the federal government's human resources agency, and has a regularly updated list of federal job openings. You can also build your resume and learn about the federal jobs that best match your interests.

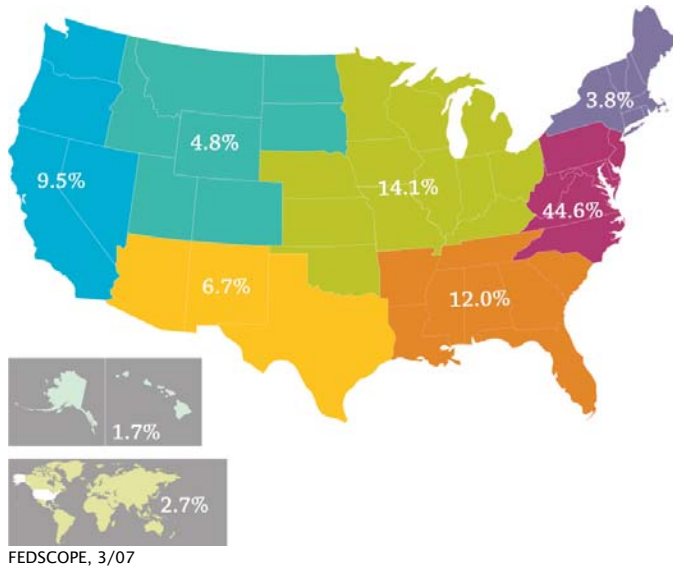
WHAT CAN YOU DO WITH A DEGREE IN CS /IT?

- ★ Computer Science Specialists
- ★ Computer Specialists
- ★ Financial Managers
- ★ Logistics Mgt. Specialists
- ★ Management Analysts
- ★ Misc. Admin. and Programs Specialists
- ★ Operations Research Analysts
- ★ Program Analysts and Program Managers
- ★ Computer Programmers

Find more: www.usajobs.gov/EI23.asp

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COMPUTER SCIENCE AND IT POSITIONS IN THE FEDERAL GOVERNMENT BY REGION



Examples of Internships

The **Federal Reserve System** is the central bank of the United States. It was founded by Congress in 1913 to provide the nation with a safer, more flexible, and more stable monetary and financial system. Summer positions open to undergraduate and graduate students in computer science, are available at the Division of Information Technology (IT). Visit: www.federalreserve.gov/careers/internships.htm

The **National Aeronautics and Space Administration (NASA)** designed and implemented a new Undergraduate Student Research Program (USRP) to improve the pipeline of undergraduate students majoring in engineering, science, mathematics, and information technology in to the NASA workforce. This stipend program consists of a 10 to 15 week research experience under the supervision of a NASA technical mentor at a NASA Center. Visit: www.nasa.gov/audience/forstudents/postsecondary/learning

Search for internships at:
makingthedifference.org/federalinternships

WHERE THE JOBS ARE

Over the next two years, our largest federal agencies project that they will hire nearly 193,000 new workers for "mission-critical" jobs.

This includes:

- ★ 7,419 IT positions at the Dept. of Defense
 - ★ 930 IT positions at the Dept. of Treasury
 - ★ 771 biological technicians/specialists at the Dept. of Agriculture
 - ★ 607 IT positions at the Dept. of Commerce
- Download the report at makingthedifference.org.

TOP COMPUTER SCIENCE AND IT AGENCIES

Department/Agency	# Positions
Dept. of Defense	30,108
Dept. of Treasury	7,116
Dept. of Veterans Affairs	5,680
Social Security Administration	3,932
Dept. of Agriculture	3,803
Dept. of Commerce	3,163
Dept. of Justice	2,912
Dept. of Interior	2,494
Dept. of Health and Human Services	2,433
Dept. of Homeland Security	2,069
Dept. of Transportation	1,789

FEDSCOPE, 3/07

SALARIES FOR CS AND IT EMPLOYEES

Salary	# CS Positions	# IT Positions
\$20K-\$49K	179	261
\$50K-\$59K	387	347
\$60K-\$69K	535	622
\$70K-\$79K	630	923
\$80K-\$89K	813	505
\$90K-\$99K	948	687
\$100K-\$109K	745	256
\$110K-\$129K	573	55

FEDSCOPE, 3/07



PARTNERSHIP FOR
PUBLIC SERVICE

The Partnership for Public Service is a nonpartisan, nonprofit organization that works to revitalize the federal government by inspiring a new generation to serve and by transforming the way government works. ourpublicservice.org