

Computer Science and IT Jobs

IN THE FEDERAL GOVERNMENT

Sample Job Profiles

COMPUTER SCIENTIST

Salary Range: \$26,008 - \$89,217 per year, dependent on education and experience

Duty Locations: Throughout the nation

Agency Profile: The mission of the U.S. Air Force is to deliver sovereign options for the defense of the United States of America and its global interests – to fly in Air, Space and Cyberspace. To achieve that mission, the Air Force has a vision of Global Vigilance, Reach and Power.

Major Duties: Develop information technology strategic plans for IT projects. Help provide policy guidance to IT staff and customers. Develop milestone phases and final project review deadlines to ensure budgetary compliance. Manage change control procedures related to project management. Establish procedures for customer support employees to follow. Diagnose and resolve problems in response to customer reported events.

INFORMATION TECHNOLOGY SPECIALIST

Salary Range: \$32,176- \$91,913 per year, dependent on education and experience

Duty Locations: Boston, MA

Agency Profile: The U.S. Department of Labor offers rewarding opportunities to contribute to a noble mission; to serve and protect American workers, to 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.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 2008, **35 federal agencies** provided **6,879 employees** with almost **\$51 million** in student 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?

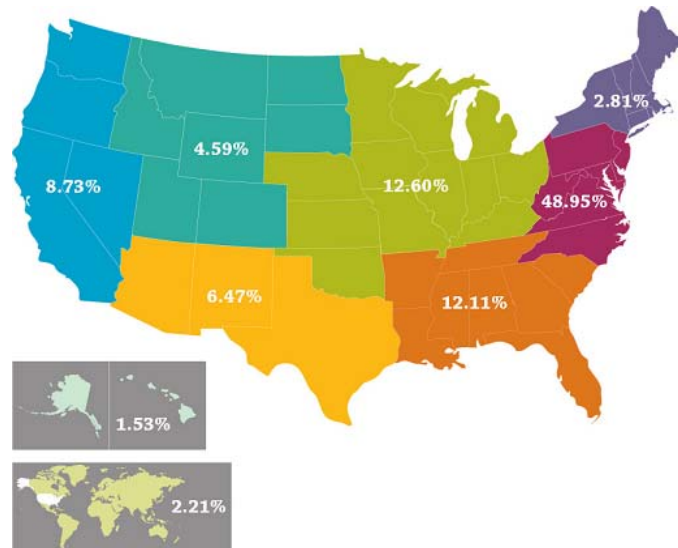
- ★ Computer Science Specialists
- ★ Computer Specialists
- ★ Financial Managers
- ★ Logistics Mgt. Specialists
- ★ Management Analysts
- ★ Misc. Admin. and Programs Specialists
- ★ Operations Research Analysts
- ★ Program Analysts and Program Managers
- ★ Computer Programmers

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

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IN THE FEDERAL GOVERNMENT

COMPUTER SCIENCE AND IT POSITIONS IN THE FEDERAL GOVERNMENT BY REGION



Fedscope, 3/09

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 into 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

By the fall of 2012, our largest federal agencies project that they will hire nearly 273,000 new workers for "mission-critical" jobs.

This includes:

- ★ 5,818 IT positions at the Dept. of Defense
 - ★ 987 IT positions at the Dept. of Treasury
 - ★ 859 biological technicians/specialists at the Dept. of Agriculture
 - ★ 540 IT positions at the Dept. of Commerce
- Download the report at makingthedifference.org.

TOP COMPUTER SCIENCE AND IT AGENCIES

Department/Agency	# Positions
Department of Defense	66,070
Department of Treasury	12,753
Department of Veterans Affairs	10,557
Department of Homeland Security	8,836
Department of Agriculture	6,837
Department of Justice	6,284
Department of Health and Human Services	5,990
Department of Transportation	5,537
Department of Commerce	4,966
Department of Interior	4,708

Fedscope, 3/09

TOP COMPUTER SCIENCE AND IT FIELDS

Field	# Positions	Projected Hires 2010-2012
IT Management	61,836	7,345
Management and Program Analysis	57,227	3,886
Cryptanalysis	5,257	--
Program Management	12,864	371
Computer Science	5,257	948
Computer Engineering	3,273	768
Computer Clerk and Assistant	3,087	--
Visual Information	1,541	--

Fedscope, 3/09, *Where the Jobs Are*, 2009



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

It's not just making a living, it's making the difference