



Information Technology

ABOUT Jobs in Information Technology

Information Technology (IT) is always changing with new developments. In IT, you would be part of an industry that continues to make an impact on society and individuals. You would have the opportunity to work in all types and sizes of businesses from very large global companies such as Microsoft to small companies in communities like the local hospital. Employees in IT work with computer hardware, software, multimedia, and network systems. In this industry, you might design new computer equipment or computer games. Or you might make sure that the software or networks are working. In addition, you might have to make sure that people know how to use them. Or you might manage whole networks that link workers in all parts of the world. Examples:

Network Systems

The work done by the employees in the Network Systems pathway is critical to the success of almost every company. You would be involved in designing, installing, and maintaining network systems. These systems allow workers to share information and projects. For example, in a medical facility, a network system would allow several doctors to view a patient's x-rays at the same time. They then could work together to determine the problem and best treatment.

Information Support and Services

In the Information Support and Services pathway, you would set up computers, install the software, and make sure that everything is working. If there is a problem, you would find the best solution and test it. You may also be expected to teach other employees how to use the software. In some businesses, you may have to make adaptations in the software to meet specific company needs. Or you may integrate software programs or databases.

Programming and Software Development

In the Programming and Software Development pathway, you would design and test new software programs. You would be developing tomorrow's products for businesses and individuals. You could be employed by large software companies or small businesses that design programs for special groups such as medical offices. To work in this area, you have to know about operating systems and programming languages.

Web and Digital Communications

People in the Web and Digital Communications pathway create, design, and produce interactive multimedia products.



Information Technology STATS

Sample Jobs	Hourly Wage Ranges in our Area*			Projected Growth in our Area**	Annual Openings
	10%	Median	90%		
Systems Software Developer	\$28.35	\$44.57	\$62.72	14.0%	VERY HIGH
Database Administrator	\$22.29	\$39.85	\$59.50	13.0%	FEW
Web Developer	\$14.72	\$31.70	\$52.05	22.7%	FEW
Computer User Support Specialist	\$16.37	\$24.49	\$38.79	7.9%	MODERATE
Computer Programmer	\$27.82	\$37.57	\$64.57	-12.5%	FEW

*The wage range shows the wage distribution for 90 percent of the workers in the occupation between the 10th percentile and the 90th percentile. Wages vary by employer, industry, and operator's education, skill level and experience.

**Employment and Outlook 2010-2020 Source: Bureau of Labor Statistics

This information, compiled by the Workforce Central I-Team, was extracted from sources listed in this document. The intention of this document is to provide you with a snapshot of the overall industry being featured, with relevant resources for conducting further investigation in your area(s) of interest. For questions and / or additional assistance, connect with a Career Counselor at your local Workforce Central Career Center. August 2017.



Information Technology Resources

General Labor Market Information & Research

Massachusetts Career Information System	Occupational and educational information to help people make better-informed career and school choices	www.masscis.intocareers.org
O*NET OnLine	National database of occupational information for career exploration and job analysis	www.onetonline.org
Bureau of Labor Statistics	Information and reports on labor market activity, working conditions, and price changes in the economy	www.bls.gov
JobQuest	Massachusetts database for finding jobs, locating training courses and vendors, searching events, and more	www.mass.gov/jobquest
Department of Labor and Workforce Development	Labor market information specific to Massachusetts with links to Largest Employers and Employer Locator Tool	www.mass.gov/lmi
Workforce Central Career Center	Central Massachusetts connection to job services, programs, events, resources and more	www.workforcecentralma.org
LinkedIn	World's largest professional network; access to people, jobs, news, and updates	www.linkedin.com

Resources Specific to Information Technology

Computerjobs	Since 1995, this Web Site is where IT people and jobs click; claims to be the leader of internet IT employment across the US	www.computerjobs.com/us/en/IT-Jobs/
TechCareers	Premier destination for career advancement, and networking; search a continuously-updated database of fresh, relevant opportunities, and connect with technology and engineering employers and industry contacts	www.techcareers.com
Dice	Career hub for technology; helps to assess if your skills are in demand and whether the salary is appropriate for those specific skills, experience and location	www.dice.com
glassdoor	Web Site that gives an Inside look at jobs, companies, salary details, company reviews, and interview questions all posted anonymously by employees and job seekers	www.glassdoor.com

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