

Career Opportunities for Information Technology Professionals



The Commonwealth of Pennsylvania offers a variety of opportunities for those interested in information technology (IT) careers. Recent college graduates can find various entry-level opportunities while seasoned professionals with experience in applications development, networking, IT support, and administration services may pursue positions with higher levels of responsibility. Some of the larger agencies, such as the Departments of Corrections, Human Services, Labor and Industry, Transportation and the Executive Offices, have the largest and most complex IT organizations; however, virtually all state agencies utilize IT positions in some capacity.

Some of the many rewarding IT careers available with the Commonwealth of Pennsylvania include:

Applications Developers with the Commonwealth analyze, plan, design, develop, test, debug, maintain, and document computer applications required to meet clients' needs. They complete system documentation and procedures for installation and maintenance of applications and work with clients to redefine system requirements for enhancements or modifications.

Database Administrators perform advanced technical and administrative work in data management through planning, design, implementation, and operation of database systems. They work to develop storage structures and establish overall database access methodologies. They also plan and implement database expansions, reorganizations, and conversions. Database Administrators establish and administer database policies and develop data models and logical designs.

Information Security Specialists perform advanced technical work in the administration of information security programs, policies, and procedures within an agency's centralized information security unit or in the Governor's Office of Administration.

Information Technology Generalists perform a combination of information technology duties in at least two of the following areas: applications development; networking; website support; or IT support and administration services. As an information technology generalist, you may be expected to create and maintain databases, design computer applications, perform network installations, and provide information technology support and training. You may also be involved in implementing security solutions, overseeing the procurement of information technology products, providing project management support, and performing asset management functions.

Information Technology Technicians respond to and document problems; diagnose, troubleshoot, and resolve hardware and software problems; install PC's and peripherals; install and configure software; provide user training; design and develop maintenance programming; and make recommendations for the purchase or use of commercially available software and hardware to meet employees' needs.

Network Specialists respond to calls for assistance, document problems, diagnose, troubleshoot, resolve hardware, software, and network problems, install and test network hardware, software, and operating systems, monitor and identify network systems malfunctions, and coordinate, schedule, and/or implement resolutions to hardware and software problems. Network Specialists also set up and install PCs, associated software, and peripheral hardware and provide training for users.



Benefits:

As the second largest employer in Pennsylvania, the Commonwealth offers unparalleled opportunities for training, development, and career advancement statewide. Most permanent, full-time employees also enjoy benefits such as:

- Exceptional medical benefits (including vision, dental, and prescription drug benefits)
- Generous vacation, sick, personal, and holiday leave
- Outstanding retirement options
- Cost-effective optional benefits, such as: Pre-tax savings for dependent care, group life/auto/home insurance programs, State Employees Assistance Program for employees and family members, and membership in the Pennsylvania State Employees Credit Union

For information on currently available positions, please visit the Commonwealth's employment website at www.employment.pa.gov. Visitors to the website may also subscribe to receive Job Alerts to be informed via email each time a new position is available. To subscribe, go to the Open Jobs page, click on "Subscribe to Job Alerts," and then select the IT and Computers category.

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Revised May 2018



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