Information Technology Specialist

Description

Information technology (IT) specialists serve as support to branch offices and administrative offices in all phases of technology used by employees. They assist in administering and maintaining technical infrastructure that includes but is not limited to: customer servers, switches, routers, desktops, laptops and networks where applicable, as needed to support technical services systems and IT structure.

Education/Training Requirements

- Bachelor's degree in Computer Science, Information Technology, or related field (required)

Recommended High School Coursework

- Agriculture Education
- Coding
- Computer Science
- Computer Skills
- Mathematics

Common Responsibilities

- Assist in administering and maintaining technical infrastructure
- Assist in administering and maintaining security, hardware and applications
- Administer and maintain virtualization technologies
- Assist in the development of innovative new technologies
- Research and test new technologies for implementation
- Perform maintenance and troubleshooting on company devices
- Ensure devices are secure from cyber threats
- Install and support software programs
- Provide training and support to employees

Typical Employers

Most companies both large and small have IT specialists to maintain employee computers, mobile devices and company computing systems.

Additional Resources

Association of Information Technology Professionals
CompTIA
Network Professionals Association