

Education	Job Description	Technologies Used	Job Openings	Median Hour Wage	Certifications/ degrees offered
Certification or Associate's Degree	<p><b>COMPUTER SUPPORT SPECIALISTS</b></p> <p><i>Provide technical assistance to computer users. Answer questions or resolve computer problems for clients. Provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.</i></p>	IPro, Symantec, Event log monitor software, patch management and disaster recovery software	517 Job Openings	\$25.05(KC) \$26.95(National)	Computer Support Specialist Networking/Security Certificate, Information Technology-Networking AAS
	<p><b>WEB DEVELOPERS</b></p> <p><i>Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. Integrate Web sites with other computer applications. Convert written, graphic, audio, and video components to compatible Web formats.</i></p>	IBM WebSphere, Oracle, C++, HTML, JavaScript, Adobe Illustrator	260 Job Openings	\$46.30(KC) \$51.15(National)	Digital Media Certificate, Web Development Certificate, Web Development and Digital Media AAS
Bachelor's Degree	<p><b>COMPUTER SYSTEMS ANALYSTS/ ENGINEERS/ ARCHITECTS</b></p> <p><i>Design and develop solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and analyze science, engineering, business and data processing problems.</i></p>	SQL, C++, Linux, JavaScript, MS Visual Basic, ILOG Rules Software, HTML	478 Job Openings	\$45.99(KC) \$50.63(National)	Computer Systems Technology BS, Systems Engineering Technology BS
	<p><b>COMPUTER SOFTWARE ENGINEERS, APPLICATIONS</b></p> <p><i>Develop, create, and modify general computer applications software or specialized utility programs. Design software or customize software for client use. Analyze and design databases within an application area.</i></p>	Oracle, MS Visual Basic, C++, JavaScript, HTML, Source code editor, XML Path Language, SQL	516 Job Openings	\$53.82 (KC) \$60.39(National)	Information and Computer Sciences-Software Engineering BS, Computer Science-Software Design BS
	<p><b>NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS</b></p> <p><i>Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor and maintain network to ensure network availability to all system users.</i></p>	Cisco, MS Sysprep, VERITAS, OpenService, IPS software, Encryption software	447 Job Openings	\$42.74(KC) \$47.62(National)	Information and Computer Science-Networking & Security BS, Computer Information Systems-Networking BS
	<p><b>COMPUTER PROGRAMMERS</b></p> <p><i>Create, modify, and test code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. Assist software developers by analyzing user needs.</i></p>	SQL, JavaScript, C++, MS Visual C#, HTML, MS Access, Tier generator software	88 Job Openings	\$43.82 (KC) \$49.57(National)	Information and Computer Science BS, Computer Science BS
	<p><b>DATABASE ADMINISTRATORS</b></p> <p><i>Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. Plan, coordinate, and implement security measures to safeguard databases.</i></p>	C++; Microsoft Visual C#, Oracle, UNIX, SQL, Data Architect	102 Job Openings	\$46.63(KC) \$53.87(National)	Information and Computer Science - Data Management BS, Interdisciplinary Computing BS
	<p><b>COMPUTER AND INFORMATION SYSTEMS MANAGER</b></p> <p><i>Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.</i></p>	CRM Software, Oracle, C++, SQL, HTML, JavaScript, MS Dynamics AX/NAV	137 Job Openings	\$58.03(KC) \$64.64(National)	Systems Engineering Technology BS, Management Information Systems BS

## TOP EMPLOYERS FOR THE KC REGION

Accenture, Cerner, DST Systems, Garmin, General Dynamics IT, H&R Block, IBM, Jack Henry & Associates, Oracle, Sprint

### Information Technology Education Programs Directory

#### Johnson County Community College

Personal Computer Applications Specialist Certificate  
Computer Information Systems-Desktop Certificate  
Publishing Applications Specialist Certificate  
Web Technologies-Digital Media Certificate  
Web Technologies-Web Development Certificate  
Computer Support Specialist Networking/Security Certificate  
Computer Information Systems-Software Developer Certificate  
Information Technology-Networking AAS  
Computer Information Systems AAS  
Information Systems Technology AS  
Web Development and Digital Media AAS

#### Kansas City Kansas Community College

Computer Software Technology Certificate  
Computer Support Specialist Certificate  
Multimedia Certificate  
Computer Systems Networking and Telecommunications Certificate  
Networking Technology Certificate  
Computer Software Technology Certificate  
Computer Systems Networking and Telecommunications-Network Specialist Certificate  
Web Applications and Design Certificate  
Computer Software Technology AAS

Computer Systems Networking and Telecommunications AAS  
Digital Imaging Design AAS  
Computer Engineering Technology AGS  
Computer Engineering Technology AS  
Computer Engineering Technology-Web AAS  
Technical Studies AGS

#### Kansas State University

Electronic and Computer Engineering Technology AS  
Digital Media Technology AS  
Web Development Technology AS  
Computer Systems Technology AS  
Computer Science BS  
Management Information Systems BS  
Graphic Design BA  
Graphic Design BFA  
Digital Media Technology BA  
Computer Systems Technology BS  
Technology Management BS  
Computer Engineering BS  
Electronic and Computer Engineering Technology BS

#### Park University

Information and Computer Science Certificate  
Computer Networking Certificate  
Information and Computer Science Certificate  
Information and Computer Science AS  
Information and Computer Science BS

Information and Computer Science-Networking & Security BS  
Information and Computer Sciences-Software Engineering BS  
Information and Computer Science - Data Management BS  
Computer Based Information Systems BS  
Management-Computer Information Systems BS  
Management Information Systems BS  
Graphic Design BS

#### University of Central Missouri

Computer Science BS  
Digital Media Production BS  
Graphic Design BFA  
Graphic Technologies BS  
Computer Information Systems-Networking BS  
Computer Information Systems-Software Management BS  
Computer Science Computer Networking Technology BS  
Computer Science-Software Design BS  
Systems Engineering Technology BS

#### University of Kansas

Computer Engineering BS  
Computer Science BS  
Interdisciplinary Computing BS  
Information Systems BSB  
Information Technology BS (Degree in 3)

To further explore these careers and other resources, please visit [www.careeronestop.org](http://www.careeronestop.org) or [www.missouriconnections.com](http://www.missouriconnections.com). For additional data on top occupations and careers in the Kansas City region, visit [www.kcworkforce.com](http://www.kcworkforce.com).