



**Information Technology | October, 2018**

**Central Region**

The STEM (Science, Technology, Engineering and Mathematics) Pathway Summary is a summary of real time labor market analysis for the Pathway occupations in the Central region over the last 6 months for jobs in the Information Technology Cluster.

*Occupations in the areas of Science, Technology, Engineering and Mathematics (STEM) are some of the most in-demand and highest paying jobs in Missouri. STEM occupations can be found in a wide range of industries, such as Information Technology and Professional and Business Services.*

**INFORMATION TECHNOLOGY**

There were 196 total job postings in the Information Technology Pathway Occupations in the Central region during the last 6 months. The top job was Computer Support Specialist with 83 online job postings.

**Information Technology**

Occupation Title	Online Job Ads	Entry Wage	Average Wage	Experienced Wage
Computer Support Specialist	83	\$32,325	\$43,662	\$51,598
Network and Computer Systems Administrator	34	\$52,480	\$62,133	\$72,313
Computer Systems Analyst	34	\$42,415	\$62,434	\$73,929
Database Administrator	25	\$49,933	\$72,197	\$89,908
Computer Programmer	20	\$45,704	\$64,046	\$81,060

**TOP CERTIFICATES AND EMPLOYERS**

As expected with Information Technology occupations, software and programming certificates such as Certified A+ Technician and IT Infrastructure Library were among the top requested certificates. Top employers included Best Buy and IBM.

**Top Certificates**

Certificate	Online Job Ads
Certified A+ Technician	18
IT Infrastructure Library (ITIL) Certification	12
Security Clearance	4
Project Management Certification	2
Project Management Professional (PMP)	2

**Top Employers**

Best Buy
IBM
University of Missouri
Cerner
Missouri University of Science and Technology



# TOP SKILLS

The top basic skill was Troubleshooting, found in over one-third (39%) of total job postings. The top requested specialized skill was Technical Support, followed by Customer Service and Repair. Top requested software skills included Microsoft Office and SQL.

## Top Basic Skills

Skill	Online Job Ads
Troubleshooting	77
Communication	62
Problem Solving	41
Teamwork / Collaboration	33
Microsoft Office	28

## Top Specialized Skills

Skill	Online Job Ads
Technical Support	47
Customer Service	43
Repair	42
Hardware and Software Installation	22
SQL	21

## Top Software and Programming Skills

Skill	Online Job Ads
Microsoft Office	28
SQL	22
Oracle	19
Microsoft Windows	18
Linux	14



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### Sources:

*Data for this analysis has been extracted using Burning Glass Technologies Labor/Insight™ tool which collects information from over 35,000 web sources, including job boards, newspapers, and employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks.*



*Wage data is 2017 OES wages*

