



Information Technology | April, 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 a wide range of industries, such as Information Technology and Professional and Business Services.

INFORMATION TECHNOLOGY

There were 238 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 94 online job postings.

Information Technology

Occupation Title	Online Job Ads	Entry Wage	Average Wage	Experienced Wage
Computer Support Specialist	94	\$28,434	\$42,501	\$49,534
Network and Computer Systems Administrator	64	\$44,743	\$59,910	\$67,493
Computer Systems Analyst	28	\$38,242	\$61,706	\$73,438
Database Administrator	27	\$44,291	\$69,215	\$81,677
Computer Programmer	25	\$41,592	63,869	\$75,007

TOP CERTIFICATES AND EMPLOYERS

As expected with Information Technology occupations, software and programming certificates such as Certified A+ Technician and CompTIA were among the top requested certificates. Top employers included General Electric, Best Buy, and Cherokee Nation Businesses.

Top Certificates

Certificate	Online Job Ads
Security Clearance	18
Certified A+ Technician	13
Six Sigma Certification	4
CompTIA Network+	4
IT Infrastructure Library (ITIL) Certification	4

Top Employers

General Electric Company
Best Buy
Cherokee Nation Businesses
Central Bank
Missouri University of Science and Technology



TOP SKILLS

The top basic skill was Troubleshooting, found in one-third (33%) of total job postings. The top requested specialized skill was Technical Support, followed by Customer Service and System Administration. Top requested software skills included SQL and Microsoft Office.

Top Basic Skills

Skill	Online Job Ads
Troubleshooting	79
Communication	66
Problem Solving	60
Teamwork / Collaboration	41
Microsoft Office	32

Top Specialized Skills

Skill	Online Job Ads
Technical Support	58
Customer Service	57
System Administration	45
SQL	37
Repair	34

Top Software and Programming Skills

Skill	Online Job Ads
SQL	37
Microsoft Office	32
UNIX	25
VMware	18
Teradata DBA	16



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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 2016 OES wages

