



Information Technology | April, 2017

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 a total of 298 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 102 online job postings.

Information Technology

Occupation Title	Online Job Ads	Entry Wage	Average Wage	Experienced Wage
Computer Support Specialist	102	\$28,279	\$43,891	\$51,697
Network and Computer Systems Administrator	67	\$47,258	\$60,894	\$67,712
Database Administrator	44	\$37,602	\$60,061	\$71,290
Computer Systems Analyst	43	\$51,022	\$76,786	\$89,669
Computer Programmer	42	\$30,508	\$57,605	\$71,154

TOP CERTIFICATES AND EMPLOYERS

As expected with Information Technology occupations, software and programming certificates such as Certified A+ Technician and Microsoft Certified Systems Administrator (MCSA) were among the top requested certificates. Top employers included IBM, Cerner, and Best Buy.

Top Certificates

Certificate	Online Job Ads
Certified A+ Technician	9
Microsoft Certified Systems Administrator (MCSA)	7
Cisco Certified Network Associate	4
Network+ Certified	4
Security Clearance	4

Top Employers

IBM
Cerner Corporation
Best Buy
American Express
Central Bank



TOP SKILLS

The top basic skill was Troubleshooting, found in over one-third (34%) of total job postings. The top requested specialized skill was Technical Support, followed by Customer Service and SQL. Top requested software skills included variety of programming languages, such as SQL and LINUX.

Top Basic Skills

Skill	Online Job Ads
Troubleshooting	102
Communication Skills	79
Problem Solving	55
Writing	55
Planning	39

Top Specialized Skills

Skill	Online Job Ads
Technical Support	77
Customer Service	67
SQL	47
System Administration	46
Information Systems	44

Top Software and Programming Skills

Skill	Online Job Ads
SQL	47
LINUX	34
VMware	28
Microsoft Office	25
UNIX	25



This document is 100% funded by the MoSTEMWINS \$19.7 million grant from the U.S. Department of Labor, Employment and Training Administration (TAACCCT). The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.

This work is licensed under the Creative Commons Attribution 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

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 2015 OES wages

