



**Information Technology | October, 2018**

The STEM (Science, Technology, Engineering and Mathematics) Pathway Summary is a summary of real time labor market analysis for the Pathway occupations across the state 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 6,701 total job postings in the Information Technology Pathway Occupations across the state during the last 6 months. The top job was Computer Support Specialist with 2,197 online job postings.

**Information Technology**

Occupation Title	Online Job Ads	Entry Wage	Average Wage	Experienced Wage
Computer Support Specialist	2,197	\$34,390	\$46,570	\$56,320
Computer Systems Analyst	1,850	\$65,550	\$88,110	\$107,080
Network and Computer Systems Administrator	1,153	\$60,620	\$80,280	\$98,380
Database Administrator	1,035	\$64,860	\$87,910	\$108,390
Computer Programmer	466	\$59,760	\$80,030	\$98,770

**TOP CERTIFICATES AND EMPLOYERS**

Along with Security Clearance, software and programming certificates such as IT Infrastructure Library and Certified A+ Technician were requested in online job postings. Top employers included Jack Henry, Best Buy, and Accenture.

**Top Certificates**

Certificate	Online Job Ads
IT Infrastructure Library (ITIL) Certification	382
Certified A+ Technician	266
Security Clearance	229
CompTIA Security+	172
CompTIA Network+	141

**Top Employers**

- Jack Henry & Associates
- Best Buy
- Accenture
- The Boeing Company
- Centene Corporation



# TOP SKILLS

The top basic skill was Communication, found in over one-third (37%) of total job postings. The top requested specialized skill was SQL, found in nearly one-fourth (22%) of total job postings. Top Software and Programming skills included SQL, Microsoft Office, and Oracle.

## Top Basic Skills

Skill	Online Job Ads
Communication Skills	2,498
Troubleshooting	2,364
Problem Solving	1,603
Teamwork / Collaboration	1,191
Planning	1,038

## Top Specialized Skills

Skill	Online Job Ads
SQL	1,463
Technical Support	1,032
Oracle	856
Customer Service	791
Linux	661

## Top Software and Programming Skills

Skill	Online Job Ads
SQL	1,463
Microsoft Office	952
Oracle	856
Linux	661
Java	660



*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.*

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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*

