



# Missouri Occupation Brief

## Computer Programming Languages

### Knowing the Code

**Information Technology** occupations are some of the most in demand occupations in Missouri. In 2015 over 75,000 people were employed in computer programming, developing, and support occupations (2015 Occupational Employment Statistics estimates). **Information Technology** occupations are projected to grow 10.8% from 2014-2024 (MERIC Long-Term Employment Projections).

From March 1, 2016 to February 28, 2017 there were 33,824 on-line job ads for selected **IT** occupations (Burning Glass Technologies). Programming skills are highly valued in these occupations. The majority of job ads for these occupations request applicants are proficient in various computer programming languages. Top requested programming languages include SQL, Java, and Oracle, most commonly found in job ads for Software Developers and Database Administrators.

#### Top 20 Requested Programming Languages in Computer Occupations

| Skill                             | Language Type             | Online Job Ads |
|-----------------------------------|---------------------------|----------------|
| SQL                               | Database Language         | 8,530          |
| JAVA                              | Programming Language      | 5,241          |
| Oracle                            | Database Language         | 4,593          |
| JavaScript                        | Programming Language      | 4,403          |
| LINUX                             | Other - Operating Systems | 3,410          |
| C#                                | Programming Language      | 3,073          |
| UNIX                              | Other - Operating Systems | 2,660          |
| Extensible Markup Language (XML)  | Other - Markup Language   | 2,160          |
| Python                            | Programming Language      | 1,764          |
| ASP                               | Other-Development         | 1,640          |
| jQuery                            | Programming Language      | 1,626          |
| HTML5                             | Other - Markup Language   | 1,372          |
| SAP                               | Other - Enterprise        | 1,173          |
| C++                               | Programming Language      | 1,172          |
| Git                               | Programming Language      | 1,171          |
| Visual Studio                     | Other-Development         | 1,006          |
| MySQL                             | Database Language         | 975            |
| Microsoft SQL                     | Database Language         | 965            |
| AngularJS                         | Programming Language      | 934            |
| JSON (JavaScript Object Notation) | Programming Language      | 906            |

Source: Labor Insight Burning Glass, Mar. 01, 2016 - Feb. 28, 2017

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