

# Job Posting Analytics

Emsi Q1 2022 Data Set

June 2022

4401 University Dr West

# Parameters

Timeframe: May 2021 - Apr 2022

Occupations:

Results should include

| Code | Description  |
|------|--|
| 0213 | Computer and information systems managers                    |
| 2147 | Computer engineers (except software engineers and designers) |
| 2173 | Software engineers and designers                             |

| Code | Description   |
|------|---|
| 2174 | Computer programmers and interactive media developers |
| 2175 | Web designers and developers                          |
| 2281 | Computer network technicians                          |

Regions:

| Code | Description |
|------|-------------|
| 01   | Canada      |

Minimum Experience Required: Any

Education Level: Any

Keyword Search:

Posting Type: Newly Posted

# Job Postings Summary

91,803

Unique Postings (May 2021 - Apr 2022)  
186,352 Total Postings

2 : 1

Posting Intensity (May 2021 - Apr 2022)



There were 186,352 total job postings for your selection from May 2021 to April 2022, of which 91,803 were unique. These numbers give us a Posting Intensity of 2-to-1, meaning that for every 2 postings there is 1 unique job posting.

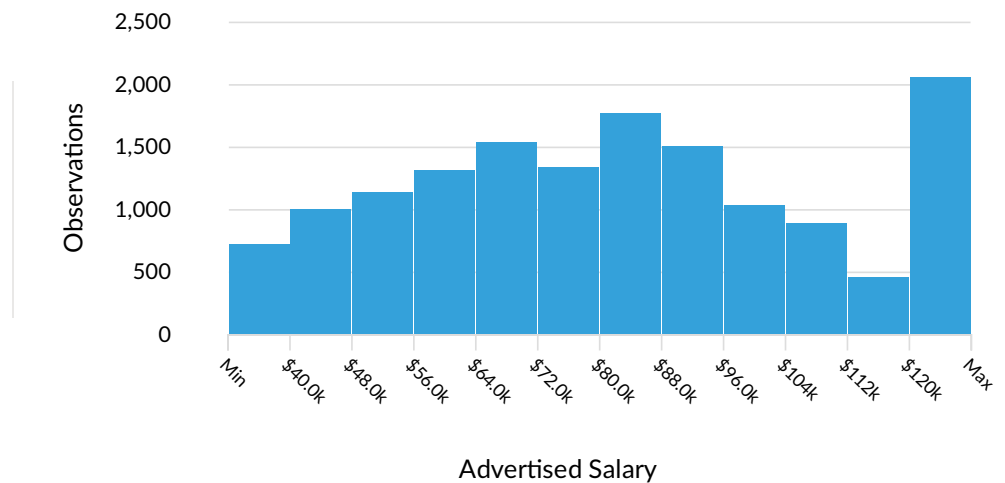
This is close to the Posting Intensity for all other occupations and companies in the region (2-to-1), indicating that they are putting average effort toward hiring for this position.

## Advertised Salary

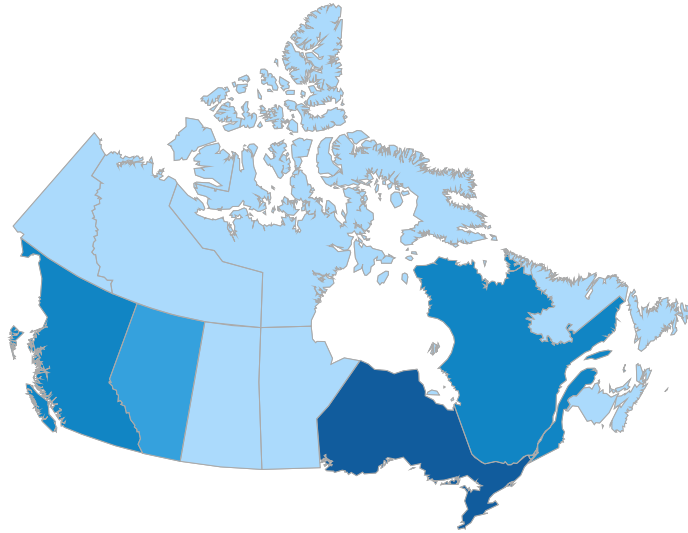
There are 14,696 advertised salary observations (16% of the 91,803 matching postings).

\$80.3K

Median Advertised Salary

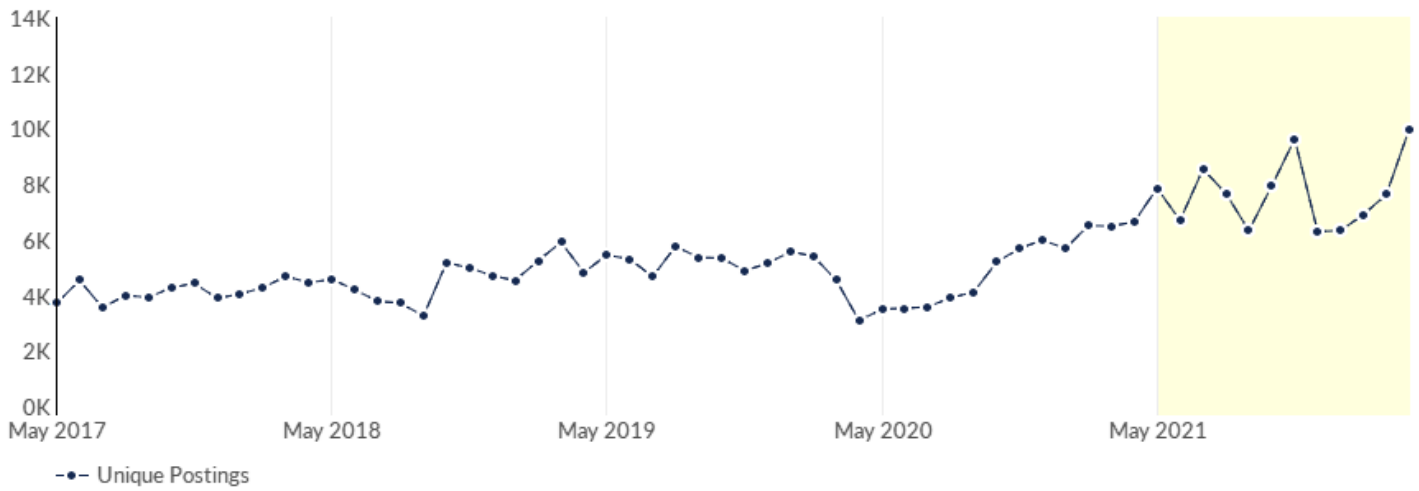


## Job Postings Regional Breakdown



| Province         | Unique Postings (May 2021 - Apr 2022) |
|------------------|---------------------------------------|
| Ontario          | 50,036                                |
| British Columbia | 13,090                                |
| Quebec           | 12,940                                |
| Alberta          | 7,786                                 |
| Nova Scotia      | 2,433                                 |

# Unique Postings Trend























| Month    | Unique Postings | Posting Intensity |
|----------|-----------------|-------------------|
| Apr 2022 | 9,993           | 2 : 1             |
| Mar 2022 | 7,629           | 2 : 1             |
| Feb 2022 | 6,906           | 2 : 1             |
| Jan 2022 | 6,328           | 2 : 1             |
| Dec 2021 | 6,297           | 2 : 1             |
| Nov 2021 | 9,627           | 2 : 1             |
| Oct 2021 | 7,934           | 2 : 1             |
| Sep 2021 | 6,330           | 2 : 1             |
| Aug 2021 | 7,669           | 2 : 1             |
| Jul 2021 | 8,541           | 2 : 1             |
| Jun 2021 | 6,692           | 3 : 1             |
| May 2021 | 7,857           | 3 : 1             |













# Top Companies Posting

|                      | Total/Unique (May 2021 - Apr 2022) | Posting Intensity | Unique Postings Trend (May 2021 - Apr 2022) |
|----------------------|------------------------------------|-------------------|---|
| Procom               | 16,740 / 5,432                     | 3 : 1             |   |
| Robert Half          | 4,783 / 1,699                      | 3 : 1             |   |
| CGI                  | 2,801 / 1,668                      | 2 : 1             |   |
| Amazon               | 2,835 / 1,329                      | 2 : 1             |   |
| General Motors       | 1,548 / 1,220                      | 1 : 1             |   |
| Royal Bank of Canada | 3,019 / 1,147                      | 3 : 1             |   |
| Scotiabank           | 2,553 / 1,117                      | 2 : 1             |   |
| TD Bank              | 1,992 / 1,024                      | 2 : 1             |   |
| Bell                 | 2,189 / 993                        | 2 : 1             |   |
| Si Systems           | 1,392 / 970                        | 1 : 1             |   |





















## Top Cities Posting

| City        | Total/Unique (May 2021 - Apr 2022) | Posting Intensity   | Unique Postings Trend (May 2021 - Apr 2022)   |
|-------------|------------------------------------|---|---|
| Toronto     | 56,542 / 27,469                    | 2 : 1  |  |
| Montreal    | 14,090 / 8,249                     | 2 : 1  |  |
| Vancouver   | 14,010 / 7,210                     | 2 : 1  |  |
| Ottawa      | 10,059 / 5,653                     | 2 : 1  |  |
| Calgary     | 9,850 / 4,945                      | 2 : 1  |  |
| Mississauga | 8,394 / 4,397                      | 2 : 1  |  |
| Edmonton    | 4,682 / 2,190                      | 2 : 1  |  |
| Halifax     | 5,029 / 1,977                      | 3 : 1  |  |
| Markham     | 3,759 / 1,829                      | 2 : 1  |  |
| Waterloo    | 2,740 / 1,544                      | 2 : 1  |  |

## Top Posted Occupations





















|  | Total/Unique (May 2021 - Apr 2022) | Posting Intensity   | Unique Postings Trend (May 2021 - Apr 2022)   |
|--|------------------------------------|---|---|
| Software engineers and designers                             | 94,100 / 44,806                    | 2 : 1  |  |
| Computer and information systems managers                    | 26,855 / 13,950                    | 2 : 1  |  |
| Web designers and developers                                 | 19,646 / 10,541                    | 2 : 1  |  |
| Computer engineers (except software engineers and designers) | 19,560 / 10,098                    | 2 : 1  |  |
| Computer network technicians                                 | 18,177 / 8,727                     | 2 : 1  |  |
| Computer programmers and interactive media developers        | 8,014 / 3,681                      | 2 : 1  |  |

# Top Posted Job Titles

|                              | Total/Unique (May 2021 - Apr 2022) | Posting Intensity   | Unique Postings Trend (May 2021 - Apr 2022)   |
|------------------------------|------------------------------------|---|---|
| Software Developers          | 9,549 / 3,519                      | 3 : 1  |  |
| Software Engineers           | 9,506 / 2,793                      | 3 : 1  |  |
| Full Stack Developers        | 3,684 / 1,901                      | 2 : 1  |  |
| Systems Administrators       | 3,763 / 1,602                      | 2 : 1  |  |
| Software Developer Engineers | 4,177 / 1,441                      | 3 : 1  |  |
| Java Developers              | 2,849 / 1,308                      | 2 : 1  |  |
| Web Developers               | 3,028 / 1,290                      | 2 : 1  |  |
| Project Managers             | 1,854 / 973                        | 2 : 1  |  |
| Scrum Masters                | 2,041 / 972                        | 2 : 1  |  |
| Solutions Architects         | 2,043 / 961                        | 2 : 1  |  |

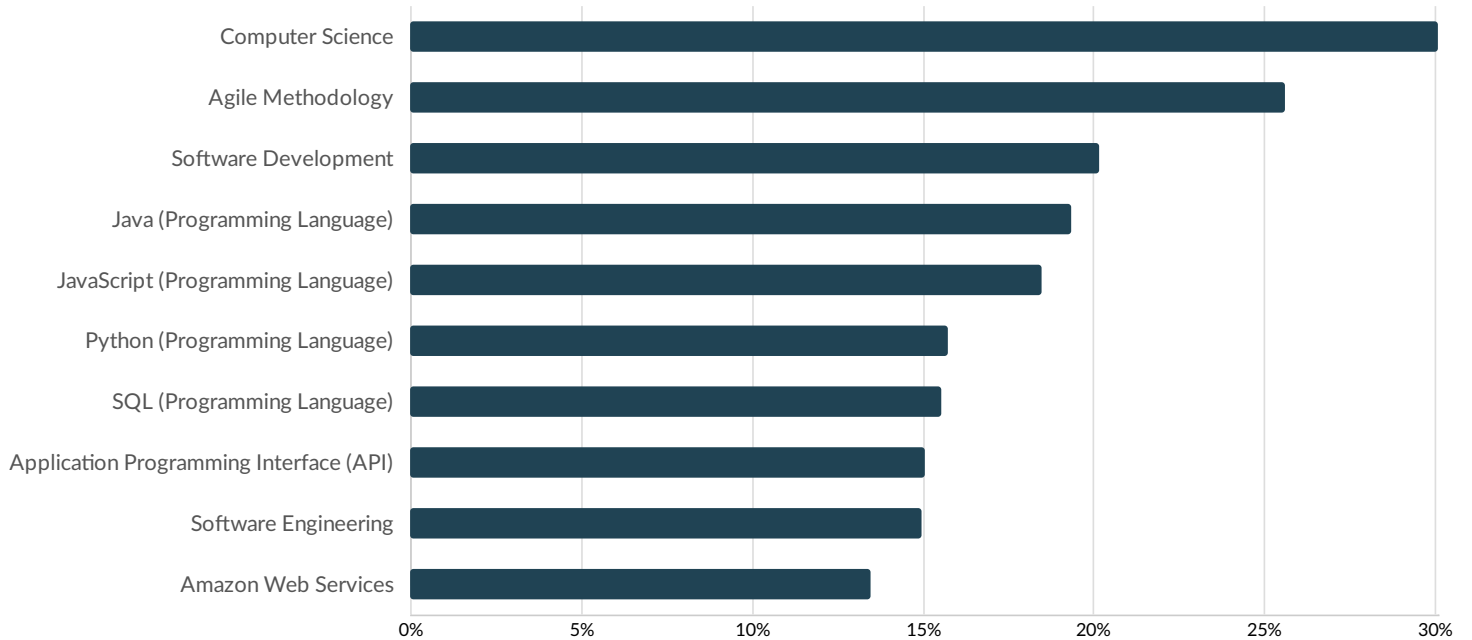


# Top Industries

|  | Total/Unique (May 2021 - Apr 2022) | Posting Intensity   | Unique Postings Trend (May 2021 - Apr 2022)   |
|--|------------------------------------|---|---|
| Administrative and Support and Waste Management and Remediation Services | 36,382 / 14,436                    | 3 : 1  |  |
| Professional, Scientific, and Technical Services                         | 26,538 / 14,144                    | 2 : 1  |  |
| Information  | 19,194 / 9,757                     | 2 : 1  |  |
| Finance and Insurance  | 17,906 / 8,635                     | 2 : 1  |  |
| Manufacturing  | 12,464 / 6,844                     | 2 : 1  |  |
| Retail Trade   | 8,233 / 3,761                      | 2 : 1  |  |
| Wholesale Trade  | 3,706 / 2,065                      | 2 : 1  |  |
| Construction   | 3,236 / 2,007                      | 2 : 1  |  |
| Educational Services   | 2,813 / 1,641                      | 2 : 1  |  |
| Public Administration  | 3,094 / 1,362                      | 2 : 1  |  |

# Top Specialized Skills

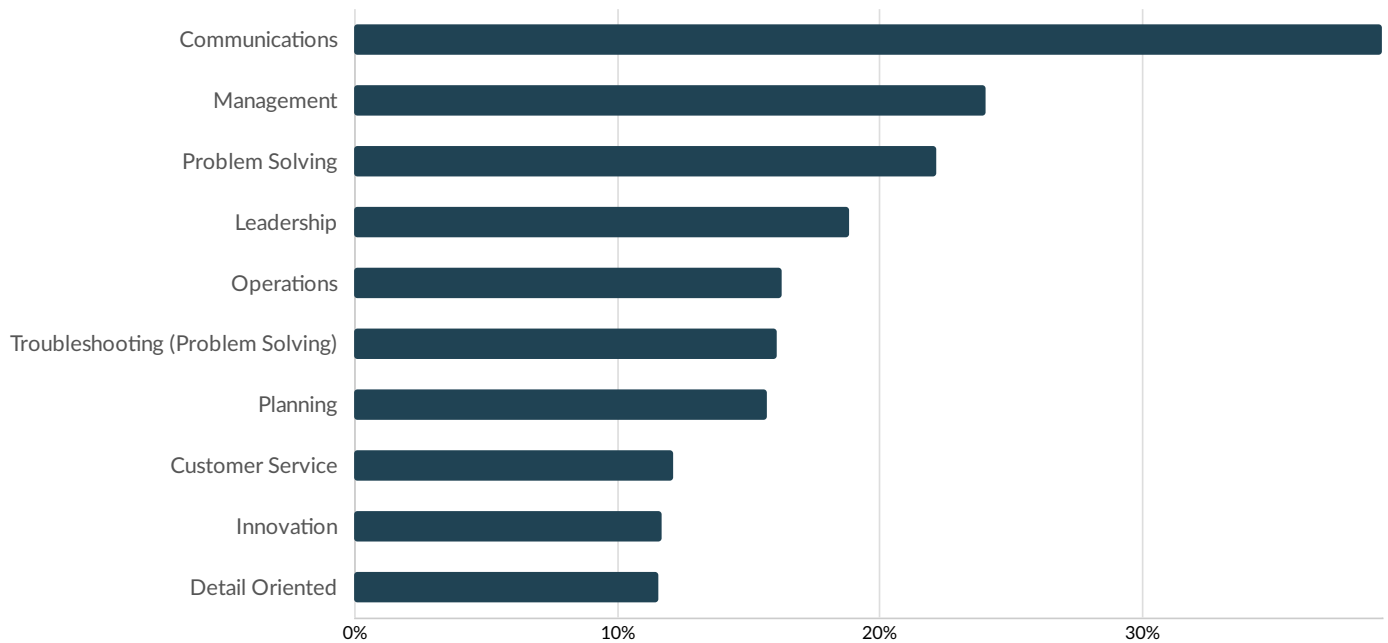
● Frequency in Job Postings



|   | Postings | % of Total Postings |
|---|----------|---------------------|
| Computer Science                        | 27,626   | 30%                 |
| Agile Methodology                       | 23,501   | 26%                 |
| Software Development                    | 18,537   | 20%                 |
| Java (Programming Language)             | 17,784   | 19%                 |
| JavaScript (Programming Language)       | 16,957   | 18%                 |
| Python (Programming Language)           | 14,435   | 16%                 |
| SQL (Programming Language)              | 14,295   | 16%                 |
| Application Programming Interface (API) | 13,851   | 15%                 |
| Software Engineering                    | 13,754   | 15%                 |
| Amazon Web Services                     | 12,361   | 13%                 |

# Top Common Skills

● Frequency in Job Postings



|                                   | Postings | % of Total Postings |
|-----------------------------------|----------|---------------------|
| Communications                    | 35,942   | 39%                 |
| Management                        | 22,092   | 24%                 |
| Problem Solving                   | 20,386   | 22%                 |
| Leadership                        | 17,289   | 19%                 |
| Operations                        | 14,960   | 16%                 |
| Troubleshooting (Problem Solving) | 14,786   | 16%                 |
| Planning                          | 14,427   | 16%                 |
| Customer Service                  | 11,170   | 12%                 |
| Innovation                        | 10,773   | 12%                 |
| Detail Oriented                   | 10,645   | 12%                 |

# Top Software Skills

● Frequency in Job Postings



|   | Postings | % of Total Postings |
|---|----------|---------------------|
| Java (Programming Language)             | 17,762   | 19%                 |
| JavaScript (Programming Language)       | 16,933   | 18%                 |
| Python (Programming Language)           | 14,414   | 16%                 |
| SQL (Programming Language)              | 14,273   | 16%                 |
| Application Programming Interface (API) | 13,829   | 15%                 |
| Amazon Web Services                     | 12,346   | 13%                 |
| Cascading Style Sheets (CSS)            | 11,607   | 13%                 |
| Microsoft Azure                         | 10,566   | 12%                 |
| DevOps                                  | 10,148   | 11%                 |
| Git (Version Control System)            | 9,909    | 11%                 |

# Top Qualifications

|   | Postings with Qualification |
|---|-----------------------------|
| Certified Information Systems Security Professional | 522                         |
| Certified Scrum Master                              | 1,168                       |
| Cisco Certified Network Associate                   | 930                         |
| Cisco Certified Network Professional                | 642                         |
| ITIL Certifications                                 | 820                         |
| Master Of Business Administration (MBA)             | 729                         |
| Microsoft Certified Professional                    | 726                         |
| Microsoft Certified Systems Engineer                | 655                         |
| Project Management Professional Certification       | 3,057                       |
| Security Clearance                                  | 1,097                       |