

Occupation Overview

Emsi Q1 2019 Data Set

March 2019

Western Technical College



400 Seventh Street
La Crosse, Wisconsin 54601
608.785.9200

Parameters

Occupations

Code	Description
15-1131	Computer Programmers
15-1132	Software Developers, Applications
15-1133	Software Developers, Systems Software
15-1134	Web Developers
15-1141	Database Administrators
15-1199	Computer Occupations, All Other
43-9031	Desktop Publishers

Regions

Code	Description
55011	Buffalo County, WI
55023	Crawford County, WI
55053	Jackson County, WI
55057	Juneau County, WI
55063	La Crosse County, WI
55081	Monroe County, WI
55121	Trempealeau County, WI
55123	Vernon County, WI

Timeframe

2019 - 2025

Datarun

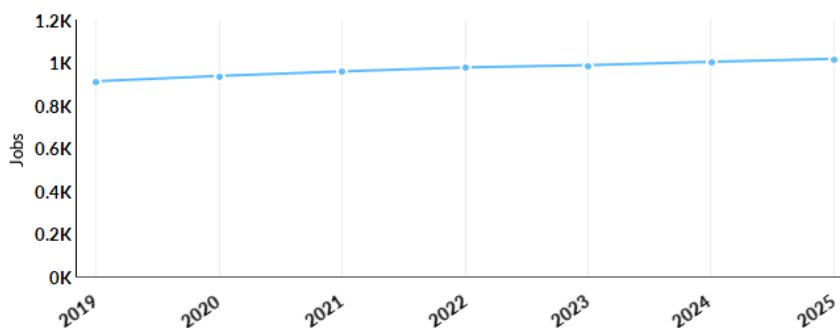
IT Web and Software Developer - March 2019 in Western Technical College District

Occupation Summary for IT Web and Software Developer - March 2019

912 Jobs (2019) 58% below National average	11.5% % Change (2019-2025) Nation: 10.5%	\$31.66/hr Median Hourly Earnings Nation: \$45.79/hr
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Growth

912 2019 Jobs	1,017 2025 Jobs	105 Change (2019-2025)	11.5% % Change (2019-2025)
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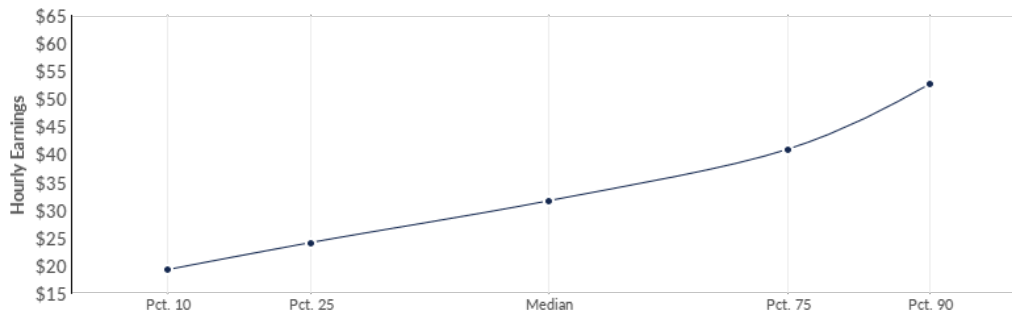


Occupation	2019 Jobs	2025 Jobs	Change	% Change
Computer Programmers (15-1131)	291	283	-8	-3%
Software Developers, Applications (15-1132)	212	272	60	28%
Software Developers, Systems Software (15-1133)	64	87	23	36%
Web Developers (15-1134)	84	89	5	6%
Database Administrators (15-1141)	51	57	6	12%
Computer Occupations, All Other (15-1199)	203	222	19	9%
Desktop Publishers (43-9031)	7	7	0	0%

Occupation	2019 Jobs	2025 Jobs	Change	% Change
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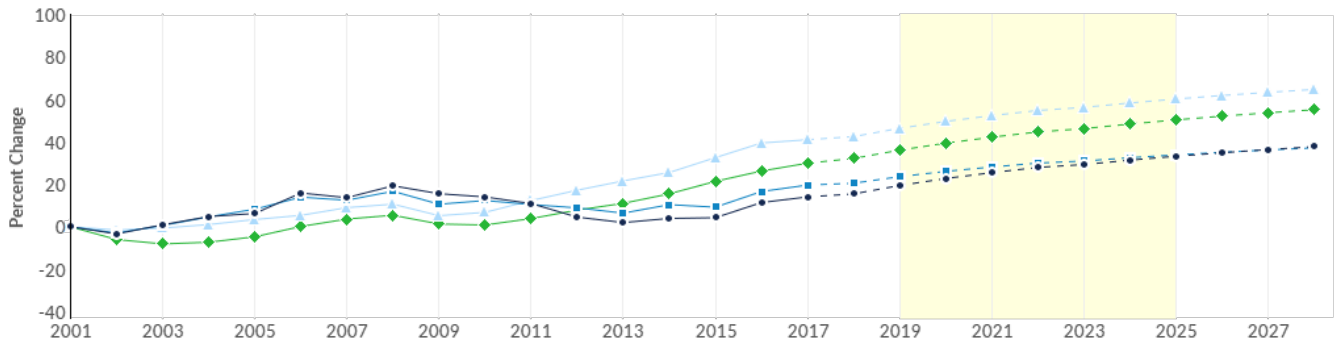
Percentile Earnings

\$24.12/hr 25th Percentile Earnings	\$31.66/hr Median Earnings	\$40.91/hr 75th Percentile Earnings
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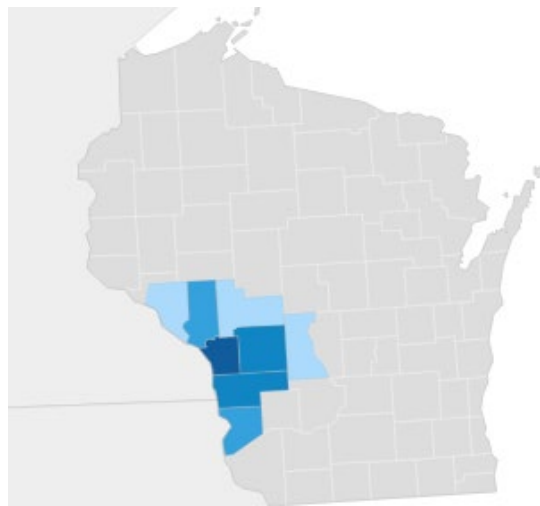
Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
Computer Programmers (15-1131)	\$22.14	\$26.80	\$33.66
Software Developers, Applications (15-1132)	\$28.98	\$36.38	\$44.71
Software Developers, Systems Software (15-1133)	\$41.16	\$51.48	\$63.99
Web Developers (15-1134)	\$17.79	\$22.39	\$28.08
Database Administrators (15-1141)	\$36.76	\$49.37	\$67.39
Computer Occupations, All Other (15-1199)	\$26.90	\$33.62	\$39.24
Desktop Publishers (43-9031)	\$15.32	\$21.66	\$31.28

Regional Trends




	Region	2019 Jobs	2025 Jobs	Change	% Change
●	Region	912	1,017	105	11.5%
●	7 Rivers Region	1,387	1,502	115	8.3%
●	State	36,248	39,664	3,416	9.4%
●	Nation	2,229,637	2,462,901	233,264	10.5%

Regional Breakdown



County	2025 Jobs
La Crosse County, WI	739
Monroe County, WI	116
Vernon County, WI	35
Crawford County, WI	32
Trempealeau County, WI	30

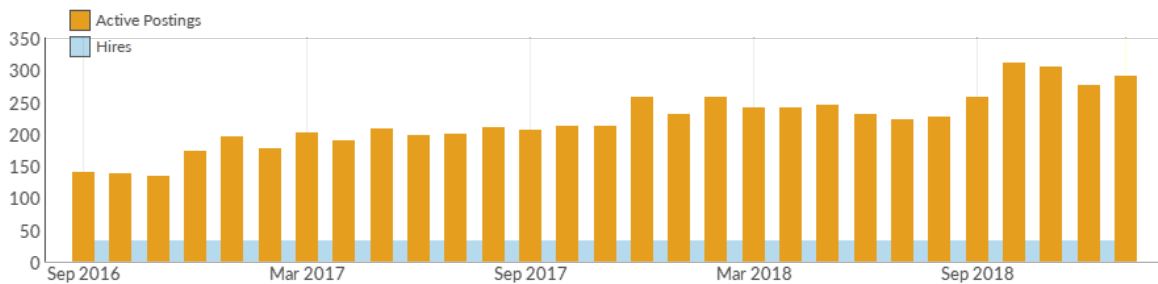
Job Postings Summary

291 Unique Postings 1,958 Total Postings	7 : 1 Posting Intensity Regional Average: 7 : 1 	44 days Median Posting Duration Regional Average: 37 days
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There were **1,958** total job postings for your selection in January 2019, of which **291** were unique. These numbers give us a Posting Intensity of **7-to-1**, meaning that for every 7 postings there is 1 unique job posting. This is close to the Posting Intensity for all other occupations and companies in the region (7-to-1), indicating that they are putting average effort toward hiring for this position.

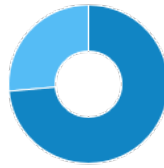
Job Postings vs. Hires

291 Avg. Monthly Postings (Jan 2019)	34 Avg. Monthly Hires (Jan 2019)
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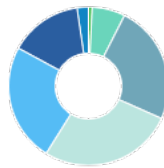
Occupation	Avg Monthly Postings (Jan 2019)	Avg Monthly Hires (Jan 2019)
Software Developers, Applications	142	8
Computer Occupations, All Other	92	8
Web Developers	19	3
Computer Programmers	18	10
Database Administrators	16	2
Software Developers, Systems Software	4	2
Desktop Publishers	0	0

Occupation Gender Breakdown



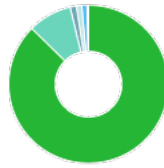
	Gender	2018 Jobs	2018 Percent
•	Males	648	73.6%
•	Females	233	26.4%

Occupation Age Breakdown



	Age	2018 Jobs	2018 Percent
•	14-18	7	0.7%
•	19-24	59	6.7%
•	25-34	214	24.2%
•	35-44	239	27.2%
•	45-54	212	24.1%
•	55-64	130	14.7%
•	65+	20	2.3%

Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2018 Jobs	2018 Percent
●	White	770	87.4%
●	Asian	78	8.9%
●	Hispanic or Latino	11	1.3%
●	Two or More Races	10	1.1%
●	Black or African American	9	1.1%
●	American Indian or Alaska Native	3	0.3%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Occupational Programs

	7 Programs (2017)	128 Completions (2017)	74 Openings (2017)
CIP Code	Program	Completions (2017)	
11.0101	Computer and Information Sciences, General	35	
52.1201	Management Information Systems, General	33	
11.0901	Computer Systems Networking and Telecommunications	21	
14.0903	Computer Software Engineering	16	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	12	

Industries Employing IT Web and Software Developer - March 2019

Industry	Occupation Group Jobs in Industry (2018)	% of Occupation Group in Industry (2018)	% of Total Jobs in Industry (2018)
Software Publishers	66	7.5%	35.1%
Federal Government, Civilian, Excluding Postal Service	65	7.4%	2.0%
Corporate, Subsidiary, and Regional Managing Offices	62	7.1%	2.7%
Third Party Administration of Insurance and Pension Funds	54	6.2%	3.2%
Other Computer Related Services	48	5.4%	23.8%

Appendix A - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Emsi Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

State Data Sources

This report uses state data from the following agencies: Iowa Workforce Development; Minnesota Department of Employment and Economic Development; Wisconsin Department of Workforce Development, Bureau of Workforce Information