**MADISON REGION
ECONOMIC PARTNERSHIP**

THE MADISON REGION: A HOTBED FOR INFORMATION TECHNOLOGY

Madison and the surrounding eight-county region have experienced a meteoric rise in IT employment over recent years.

From 2005-2015, employment in software publishers grew by nearly 300% in Dane County compared to 38% nationally. With approximately 18,000 IT workers and over 400 IT establishments across our eight counties – plus thousands of additional IT workers embedded in companies across all sectors – the Madison Region simmers with smart, capable individuals ready to fill high-tech positions.

LEARN MORE

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The Madison Region consists of Columbia, Dane, Dodge, Green, Iowa, Jefferson, Rock, and Sauk counties.

INFORMATION TECHNOLOGY HUB

Much of the Madison Region's recent explosion in IT employment is because Epic Systems – the nation's leading developer of electronic medical records and the region's largest private sector employer with approximately 10,000 workers – calls the Madison Region home. Each year, over 1,000 employees depart Epic, starting spin-off companies that have positioned the region as the country's premier location for healthcare IT.

18,000 EMPLOYED in IT

400+ ESTABLISHMENTS

In addition to healthcare IT, the Madison Region provides an ideal home to gaming companies like Raven Software, Human Head Studios, and Filament Games; IT-reliant merchandisers such as American Girl, Lands' End, and ShopBop; and tech icons like Google, HP, and Zendesk. And in our start-up scene, successful stand-outs like Murfie, Comply365, and EatStreet maintain their headquarters firmly rooted here.

STARTINGBLOCK MADISON: BUILT BY ENTREPRENEURS, FOR ENTREPRENEURS

Scheduled to open in 2017, StartingBlock Madison will be a physical hub where entrepreneurs, investors, advisors and community members can connect, share innovative ideas, and create next generation businesses. The 50,000-square-foot space will integrate gener8tor – a top 15 accelerator within the U.S.; Capital Entrepreneurs – a 350+ member networking group; and office space for startups. To learn more, visit startingblockmadison.org.

A TIGHT-KNIT TECH COMMUNITY

In addition to the traditional learning that takes place in the Madison Region's higher education institutions, a robust network of professional organizations spur the ongoing learning of IT professionals and companies. Groups such as the Wisconsin Innovation Network, Accelerate Madison, and Capital Entrepreneurs bring together executives and entrepreneurs in the technology field to provide support, mentoring, and networking opportunities.

#5

MADISON: #5 TOP CITY WINNING THE BATTLE FOR INFORMATION JOBS

Forbes, May 2014

Growth in incubator, accelerator, and co-working spaces such as Sector67, 100state, gener8tor, Janesville Innovation Center, and the Whitewater Innovation Center offer resources for start-up and small companies. Several new venture funds provide access to capital for young IT companies, while the state's Qualified New Business Venture program enables investors to receive tax credits for early-stage investments in designated companies.

Forward Festival – Madison's flagship technology and entrepreneurship festival – brings together technology and startup professionals from the Midwest in a celebration of innovation and entrepreneurship. The event now attracts over 2,000 attendees and continues to grow each year.

TALENT THAT DELIVERS A COMPETITIVE EDGE

The Madison Region's vast network of higher education institutions serves as a launch pad for IT professionals ready to fill positions with new and expanding technology companies. In 2015, 970 eligible employees graduated with degrees in Computer Information Science and Support Services from 11 educational institutions located in or adjacent to our eight counties, providing the region's IT companies a ready pipeline of talent.

UNIVERSITY OF WISCONSIN-MADISON
Granting certificates, bachelor and master degrees, UW-Madison's computer science program consistently ranks in the top ten computer science departments in the United States.

UNIVERSITY OF WISCONSIN SYSTEM
In addition to the flagship Madison campus, the UW System offers computer science degrees at its Whitewater, Platteville, and Milwaukee campuses, all located within an hour of the Madison Region.

EDGEWOOD COLLEGE (MADISON)
This private four-year institution offers bachelor degrees in computer information systems, web design and development, and computer science teaching, and boasts 100% field placement upon graduation.

MADISON COLLEGE (MADISON)
With a range of certificate programs and associates degrees in IT, Madison College's programming offerings include one of the first full associate degrees in Mobile Applications Development (Android & iPhone) in the state, as well as a cutting edge Web Software Development degree.

HERZING UNIVERSITY (MADISON)
Associate degree programs include computer networking and security technology, and software development. Bachelor degrees offered include information technology, software development, and technology management.

GLOBE UNIVERSITY (MADISON EAST, MADISON WEST)
Certificates and degrees in information technology are available in software development, networking, security, web development, database design, and both mobile application and software development.

BLACKHAWK TECHNICAL COLLEGE (JANESVILLE)
Blackhawk Tech graduates are industry-ready with associates degrees that include network specialist, web analyst/programmer, and systems security. Certificate programs include Java developer, Visual Basic.Net developer, web programming, database management, and computer hardware support.

MORAINE PARK TECHNICAL COLLEGE (BEAVER DAM)
Several specializations are available within a two-year information technology degree, and technical diploma and certificate programs include web designer/developer and information security.

SOUTHWEST WISCONSIN TECHNICAL COLLEGE (FENNIMORE)
Southwest Tech provides associate degrees in graphic & web design, network communication, and web analyst/programmer.

A STEADY SUPPLY OF INDUSTRY-READY WORKERS

2014-2015 Degrees Conferred: Computer Information Science & Support Services

Institution	Certificate	Associate	Bachelor	Master	Doctor	Total
UW-Madison			161	56	23	240
UW-Milwaukee			164	16	6	186
UW-Platteville			31	2		33
UW-Whitewater			27			27
Beloit College			7			7
Blackhawk Technical College		18				18
Edgewood College			14			14
Globe University (Madison East, West)		5	8			13
Herzing University		16	57			73
Madison College	191	99				290
Moraine Park Technical College	7	30				37
Southwest Wisconsin Technical	8	25				33
Total	**206**	**193**	**469**	**74**	**29**	**971**

Source: National Center for Education Statistics, College Navigator.
Note: includes programs and award levels that are offered as distance education program.

PROGRAMMING LANGUAGES, MARKUP LANGUAGES AND FRAMEWORKS OFFERED

Institution	Offerings
UW-Madison	Java, C++, Matlab, Perl
UW-Milwaukee	Java, C, C++, HTML, CSS, JavaScript, ML, Prolog, Lisp, Cool, XML, XSLT, Matlab, FORTRAN
UW-Platteville	C++, Java, SQL, C#, VB.NET, Assembly, Scheme, Ruby, Ada Cobol
UW-Whitewater	Java Windows, Linux, C++ Linux, Javascript Windows, Linux, PHP Linux, Perl
Blackhawk Technical College	JavaScript, HTML/HTMLS, CSS/CSS3, Java, MySQL, jQuery, VB.NET, PHP, ASP.NET, Objective-C
Edgewood College	Java, SQL, MySql, JavaScript, JSP, ASP, PHP
Herzing University	C++, C, C#, Java, JavaScript, PHP, OpenGL, SQL, HTML, and XML
Madison College	ASP.NET, C, C#, Cocoa Touch, CSS, Drupal, HTML 5, Java, JavaScript, jQuery, Objective-C, PHP, PL/SQL, Ruby on Rails, PowerShell, Python, SQL, XML, XSLT, XSD

Source: UW-Madison, UW-Whitewater, UW-Platteville, UW-Milwaukee, Edgewood College, Madison College, Herzing University, Blackhawk Technical College.