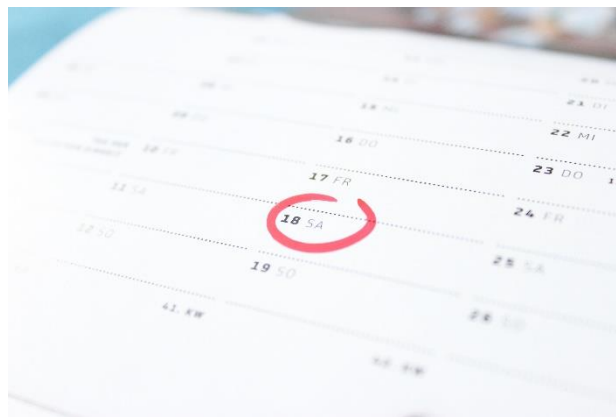# TECH UPLOAD

DECEMBER EDITION
NEW IT ALLIANCE

NEW AND UPCOMING EVENTS

Dec 05: Amplify – Are you reading the label from inside the jar?

Dec 07: New North Summit

Jan 26: WIT@Work Breakfast Series

Feb 23: WIT@Work Breakfast Series

Learn more at **newitalliance.com/events**

REGIONAL NEWS

FUTURE NEWSLETTERS

Submit any content that you would like to have featured in a future newsletter to **newitalliance@gmail.com** by the 20th of each month.

Any events you would like us to help promote, complete our "**register your event**"(link to events page) form located on our events tab.

IWM FEATURED BLOG

The **University of Wisconsin Oshkosh** offers a very diverse and broad major that goes by the name Interactive Web Management or **IWM** for short. This degree is a broad degree consisting of business, technology, and media creation. As a new major employers, students, and parents don't know what this major all entails, and that UW-Oshkosh even offers this as a major. Do you want to learn more about the major? Take a look at what an IWM student had to say on the **IWM blog**.

NEW IT ALLIANCE NEWS

A REVIEW OF 2017

Wow - It's hard to believe we are approaching the end of 2017! However, the chill in the air and the holiday decorations tell us it's time to start thinking about our new year's resolutions and how to lose those couple of pounds from our office parties.

Sometimes when we get caught up in the daily grind of living and carrying out our jobs, we lose sight of the accomplishments and progress we've made. So, I'd like to use this issue of our Tech Upload newsletter to take a look at everything we've accomplished this past year, and thank those who helped make it happen.

Looking back to a year ago today, the **founding organizations** had just hired on a director to help drive the NEW IT Alliance forward. THANK YOU to these forward-thinking companies for working together to create the NEW IT Alliance! December was spent moving into the new office, onboarding, and introducing the director to the member organizations. Before we knew it, the year was coming to a close.
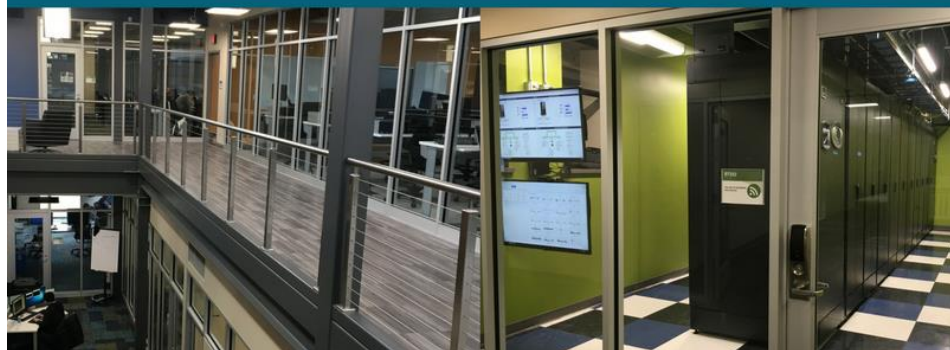
Take a look at what happened in 2017!

NEW IT WING OPENS AT NWTC

Northeast Wisconsin Technical College has undergone some major changes over the past several years. On-campus housing, a new Health Science wing, a new Student Welcome Center along with dozens of remodels and renovations to server northeast Wisconsin. The most recent improvement has come to the new College of Business and the Information Technology wing.

The new facility design focuses on an open concept with complete visibility into most classrooms highlighting the technology found within. The communal area provides ample room for students to catch up on their homework between classes with enclosed rooms outfitted with furniture and computers as well as an open area with workstations and a variety of amenities including USB charging stations. Students also have access to the campuses second coffee shop allowing students to relax and interact with both faculty, advisors and fellow students. **Learn more: Article**

REGIONAL NEWS

UWGB GOOGLE IGNITECS PROGRAM

The **University of Wisconsin-Green Bay** (UWGB) Computer Science (CS) program has entered into a partnership with Google in the form of the **Google IgniteCS (GICS)** program for the second year in a row.

This program, sponsored and supported by Google, gives CS students a co-curricular and professional development opportunity to design, develop and deliver CS curricular modules at the K-12 level on topics such as data mining and visualization, robotics, privacy and machine learning and mobile security. These workshops are designed for students of a varying ages with the goal of expanding education and interest in the field and with a specific focus on female and minority students who are under-represented.

Want to learn **more**? Check out these published web articles:

➔ **https://newitalliance.com/2017/12/uwgb-google-partnership-the-uwgb-google-ignitecs-program/**
➔ **http://www.uwgb.edu/gics/**
➔ **http://www.uwgb.edu/cahss/news/december-2016/**
➔ **https://news.uwgb.edu/featured/leading-learning/11/30/uw-green-bay-is-the-first-in-wisconsin-to-host-a-google-ignitecs-program/**

UWGB NSA Gencyber program

In the summer of 2017, **University of Wisconsin-Green Bay (UWGB)** hosted the first-ever NSA **GenCyber** Camp in the state of Wisconsin. UWGB were awarded a $100K grant from the NSA to run this maiden GenCyber Summer Camp in the state of Wisconsin. Over 100 middle-school students from all over Wisconsin, and even as far away as Kentucky, registered for this free cyber-educational camp.

Over the course of this inaugural GenCyber camp, a team of several UWGB CS majors played a pivotal role as the camp's supporting instructional staff members and taught classes in varying topics of computing security, including networking concepts, secure coding, cryptography, privacy, biometrics and machine learning, and even hacking. Guest speakers from the local IT security industry (like **Synercomm**), NSA and FBI visited this GenCyber camp to speak to the young participants about careers and jobs in cyber security. The week-long summer camp culminated in an off-line capture the flag session, where students competed in teams in a trivia game using the knowledge they had gained throughout the camp. **Learn more: Article**