

# TECH UPLOAD

JUNE EDITION

NEW IT ALLIANCE

## NEW AND UPCOMING EVENTS

**June 11:** Digital Learning Educational Opportunities in NEW

**June 13:** Teacher Externship (Cancelled)

**June 18:** 2018 Entrepreneur/Career Exploration Camp

**June 25 – June 28:** CS Discoveries

**July 12:** Tech Community Meeting

**July 16 – July 20:** GirlTech

**July 31 – August 2:** Tech Titans – Mobile App Workshop



Learn more at [newitalliance.com/events](http://newitalliance.com/events)

## NEW IT ALLIANCE NEWS

### FUTURE NEWSLETTERS

Submit any content that you would like to have featured in a future newsletter to [newitalliance@gmail.com](mailto: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.

### OUR YEAR TO DATE

#### Welcome New Members

The NEW IT Alliance would like to welcome [US Venture](#) onboard as an executive level member! Thank you for supporting our mission to attract, develop & retain diverse IT talent in Northeastern Wisconsin to support economic growth.



## NEW IT ALLIANCE NEWS CONT...

### Teacher Externship June 13-14: CANCELLED

THANK YOU to all the companies and individuals who volunteered to help with our first Northeast Wisconsin Teacher IT Externship. We were able to line up a full panel of leaders from industry and higher ed to help educate our teachers about the world of IT. In addition, we had ten companies in Northeast Wisconsin sign up to host a group of 6th-12th grade teachers onsite and help educate them about how IT impacts your business.

Unfortunately we were not as successful in gaining teacher involvement. Due to low enrollment we will be cancelling the event. We are working with our CESA partners, and we feel we may need to provide the teachers with a longer lead time to register. We will try again over winter break or next summer.

**Thank you** to our volunteers for being leaders in our region and we hope you will be willing to help out again in the future!



### Digital Learning Opportunities Report Out

NEW IT Alliance in partnership with [Microsoft TechSpark](#), CESA6, and CESA7 have conducted a pilot study in Brown and Outagamie counties of Digital Learning Opportunities in local schools. This initial study is the first in understanding digital maturity in each of our school districts. Following a successful pilot, this study will be expanded to the remainder of Northeast Wisconsin. This meeting is a report out of the study findings, discussion of districts needs, and the introduction of organizations who can help. Superintendents, ACP Coordinators, CS instructors, and Counselors from Northeast Wisconsin are all encouraged to participate in the report out.

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## Silicon Prairie

Have you heard of the notorious [Silicon Prairie](#)? If not, no worries, because it will be on your radar soon enough. As the Midwest begins to gain attention as one of the leading tech hubs for entrepreneurs around the country, there is no doubt that what was once thought of as the ‘flyover states’ will begin to be seen as something much more.

Silicon Prairie is a combination of Iowa, Nebraska, the Dakotas, Kansas, Minnesota, and Missouri. The term Silicon Prairie is a spin on the well-known tech hub [Silicon Valley](#), located on the west coast in California. Each of these states is comprised of their own unique tech hubs that have begun to gain national recognition, thus the name Silicon Prairie. And though people in the Silicon Valley are more widely known for being the leaders in the fast-paced tech world, don’t overlook the Silicon Prairie just yet.

### Tech Community Meeting

Join NEW IT Alliance for our Tech Community meeting on July 12<sup>th</sup>. The topic for discussion will be based around artificial intelligence and how it can help company’s across the Northeastern region of Wisconsin. [Click here to sign up](#). Detailed information will be coming soon, make sure to check back as we update this event.

[Continue reading to learn about what's happening in the region.](#) ↓ ↓ ↓

## REGIONAL NEWS

### FIRST DESTINATION SURVEY

#### WHAT IS IT?

Career & Professional Development administers the First Destination Survey and collects information from the [University of Wisconsin Oshkosh](#) undergraduate graduating class in order to assess their post-graduation plans.

Some of the information we seek to identify is:

- # of students who are employed, along with the name of their employer, position, and salary

- # of students continuing their education after graduation, where and in what field

- # of students still seeking employment

[View Infographic Here:](#)



### BOYS & GIRLS CLUB OF MENASHA VEX ROBOTICS



The [Boys & Girls Club of Menasha](#) VEX Robotics team consists of a total six members from ages 10 to 11 years old who competed in VEX Robotics at the middle school level. This

year, we had five girls and one boy who were mentored by three dedicated Miller Electric volunteers.

In February, we competed at the [VEX Robotics](#) Tournament at [Xavier High School](#) where the team ultimately faced defeat and were not selected as an ally or teammate to compete in the quarter-final rounds. The team members broke down emotionally, as their dream of continuing to compete in VEX Robotics for the 2017-2018 year seemed to come to a sudden end. This would

## REGIONAL NEWS

prove untrue a few weeks later when the mentors announced that we were indeed selected to compete at the state level at the [Milwaukee School of Engineering](#) (MSOE). [Read More...](#)

### ‘GIRLS IN IT’ EVENT HAS KIDS PULLING HARD DRIVES, WRITING CODE AND CONSIDERING NEW CAREERS



[NWTC](#) recently hosted 100 enthusiastic middle school girls for a day of IT career exploration, and the impact was immediate.

Larissa, who was busy pulling parts from an open computer on her desk, said she hadn’t been interested in IT until she



came to NWTC’s “Girls in IT” event, but she realized she liked working on hardware. “It’s teaching me more stuff about computers and how I can work with them,” she said. “It’s my kind of thing.”



Jenna, sitting next to her with another disassembled computer, agreed. “I like it. I think it’s interesting. I like taking apart the computer [and] the coding was fun.” She added that she could see herself doing this in the future.

Microsoft TechSpark Wisconsin Manager Michelle Schuler gave the keynote speech at the beginning of the morning, encouraging the girls to be “Continuously Rewriting Yourself” and encouraging them to #MakeWhatsNext. As soon as the breakouts began, she was with the students, helping them

troubleshoot their robot instructions. [Read More...](#)

### IGNITE! BUSINESS SUCCESS NETWORK EXPANDS AGAIN!



more. [Read More...](#)

[IGNITE!](#) Business Success has added another partner, Green Lake Renewal, to the entrepreneurial network’s business resources network. [Green Lake Renewal](#) is a community revitalization organization in the community’s Town Square that operates a number of community projects. This includes working with entrepreneurs and providing mentorship opportunities, as well as educational programming, commercial kitchen rental, meeting space, and

### THREAT OF CRYPTOJACKING, SRC TECHNOLOGIES



By: Chad Knaus,

The rise of digital currencies has spawned a new hazard for computer systems, whose operational capacity can be compromised by hackers who prey on unsuspecting crypto miners.

The problem with cryptocurrency mining is that it takes a lot of computer power – more than most people have to spare. So, there is a new threat to the operational potential of computers – personal computers at

home and, even more so, banks of computers or computer networks in a business environment. That threat now has a name: crypto jacking.

Crypto jacking is essentially a hijacking of your personal or business computer resources. It is malware that secretly and silently uses these resources for crypto mining purposes. Since it takes massive computer resources to make any real money with crypto mining, crypto miners have discovered that by splitting up the processing into small chunks across numerous machines they can amass the large amounts of computer power needed to earn worthwhile volumes of cryptocurrencies, which are worth varying amounts of money depending on the type of currency mined.

[SRC Technologies Read More...](#)