Iowa physicians unite to develop AI diagnostic solutions for use in primary care

Young H. Kwon, MD, Ph.D., a renowned ophthalmologist at the University of Iowa, is the newest clinician to join IDx, an AI diagnostics company developing a method to diagnose glaucoma using optical coherence tomography (OCT) scans.

5G Technology Is About to Revolutionize Smart City Deployments

The world becomes more interconnected every day, and the next advancement in wireless broadband is on the verge of accelerating that trend. New 5G wireless delivers high-speed, low-latency features to support the sensors that power many smart city technologies.

History of the Wireless G - 0G, 1G, 2G, 3G, 4G, 4G LTE, 5G – What are They?

Wireless technology has come along way since the days of radio powered "mobile" phones to todays powerful smart phones.

What's in Demand When It Comes to School Bus Wi-Fi?

When it comes to combating the homework gap, some educators have found that expanding Wi-Fi outside the walls of schools is a great way to provide access to students that need it. One successful option even has wheels. Districts like Watkins Glen Central School District in New York state have outfitted their school buses with Wi-Fi.

The role of IT in the 2020 census

The 2020 census will be the most automated and technologically-advanced census taken. Reengineered it from top to bottom using data and data analytics. Looking at how they can use new data, techniques, and methodologies to help improve census-taking and how to engage and motivate the population to respond.

Drones Show Potential for Delivering Telemedicine, mHealth Services

Drones are being used to ferry mHealth supplies and telemedicine services (as well as beer and pizza) in other parts of the globe. Now federal officials are taking notice of their mobile health value.

9 Uses for Smartphones in the Classroom

Though there are many schools and teachers that don't allow classroom smartphones, there are a growing number who have established the necessary ground rules for their use and made smartphones an integral part of their classrooms. Read an introductory list of some ways these teachers are leveraging their students' smartphones for good.

In Cybersecurity Fight, Governments Leave Hospitals Behind

Health data can be extremely valuable: National reports suggest that while credit card numbers can be sold by hackers for 10 to 15 cents apiece, a medical record can fetch between $30 and $500. "If I get your health-care data, I get everything. I get insurance information, I get part of your financial info and your pharmaceutical information," says LeRoy Foster, chief security officer at Advocate Health, an Illinois-based health system.

"123456" Remains Most Common Password Found in Data Dumps in 2017

For the second year in a row, "123456" remained the top password among the millions of cleartext passwords exposed online thanks to data breach incidents at various providers.

How AR and VR Will Transform Various Industries in 2018 ?

Immersive technologies such as virtual reality and augmented reality, are going to play a historical role in enriching the learning experience.

All 50 states opt in to AT&T's FirstNet public safety network

FirstNet, the nationwide broadband network for first responders, will be the official public safety network for all 50 US states. Having been initially proposed following the 9/11 attacks, the FCC approved LTE to be the standard on which it would function back in 2011.

Artificial intelligence and machine learning took hold in healthcare during 2017

A look back at what happened and how it shaped the future of AI, cognitive computing and machine learning for 2018 and beyond.

5 policies to help rural students get ahead

Despite tough hurdles, rural students can find success in school with the help of careful policy changes.