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Corresponding author:
Muhammad Azhar Naeem Kamboh PhD, University of Engineering and Technology, UET Link Road, Taxila, Rawalpindi, Punjab 47080, Pakistan
T.: +92 51 904 7428, F.: +92 51 904 7430, E.: controller.examinations@uettaxila.edu.pk,

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Editorial

NEW DIGITAL INVENTIONS UNEXPECTEDLY CHANGING THE PRERIORITIES, TRENDS, THOUGHTS AND FASION.

Muhammad Azhar Naeem Kamboh

University of Engineering and Technology, UET Link Road, Taxila, Rawalpindi, Punjab 47080, Pakistan

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Introduction

Last two three decades has brought a tremendious change in the life, fashion, trend and even thinking style of the human. If the life pattarn of 20th centuary is compared with the life of 21st centuray, astonishing difference may be easily observed. A number of technological enventions not only facilitated the human life but also changed it altogather.Here are Some useful technologies/ gadgets are discussed. (Raphael, 2011)

Eye-Tracking , Front-Facing Combining Camera

It is a really useful technology being used for a number of purposes including security. It is basically taking the common eye-tracking and combining it with a front-facing camera plus some serious computer-vision algorithm. A live demo was done in LeWeb this year and we may actually be able to see it in in action in mobile devices. Currently the company is still seeking partnership to bring this technology into the consumer market but it may be noted that this product is simply too awesome to fail. (Yanqing at al., 2013)

SmartThings

The current problem that most devices have is that they function as a standalone and it requires effort for technology competitors to actually partner with each other and build products that can truly connect with each other. SmartThings is here to make your every device, digital or non-digital enable you to connect mutiple devices/technologies and benefit you. With SmartThings you can get your smoke alarms, humidity, pressure and vibration sensors to detect changes in your house and alert you through your smartphone. It means in near future we can have benefits even we cant Imagine about the possibilities available to us. (Xiaoyi at el., 2017)

Thus, you could track who's been inside your house, turn on the lights while you're entering a room, shut windows and doors when you leave the house, all with the help of something that only costs $500. Feel like a technology lord in your castle with this marvel.

Firefox OS

iOS and Android are great, but they each have their own rules and policies that certainly inhibit the creative efforts of developers. Mozilla has since decided to build a new mobile operating system from scratch, one that will focus on true openness, freedom and user choice. It's Firefox OS. Firefox OS is built on Gonk, Gecko and Gaia software layers – for the rest of us, it means it is built on open source, and it carries web technologies such as HTML5 and CSS3.

Developers can create and debut web apps without the blockade of requirements set by app stores, and users could even customize the OS based on their needs. Currently the OS has made its debut on Android-compatible phones, and the impression so far, is great. You can use the OS to do essential tasks you do on iOS or Android: calling friends, browsing web, taking photos, playing games, they are all possible on Firefox OS, set to rock the smartphone market.

Project Fiona

Meet the first generation of the gaming tablet. Razer's Project Fiona is a serious gaming tablet built

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for hardcore gaming. Once it's out, it will be the frontier for the future tablets, as technology companies might want to build their own tablets, dedicated towards gaming, but for now Fiona is the only possible one that has broken ice in this era.

This beast features generation Intel® Core i7 processor geared to render all your favorite PC games, all at the palm of your hands. Crowned as the best gaming accessories manufacturer, Razer clearly knows how to build user experience straight into the tablet, and that means 3-axis gyro, magnetometer, accelerometer and full-screen user interface supporting multi-touch.

Parallella

Parallella is going to change the way that computers are made, and Adapteva offers you chance to join in on this revolution. Simply it might be considered as a supercomputer for everyone. It is basically, an energy-efficient computer built for processing complex software simultaneously and effectively. Real-time object tracking, holographic heads-up display. Now speech recognition will become even stronger and smarter with Parallella.

For a mini supercomputer, the price seems really promising since it's magically $99 only. It's not recommended for the non-programmer and non-Linux user, but the kit is loaded with development software to create your personal projects.

Google Driverless Car

A car moving on the road with out driver might not be thought a few years but it's now a reality, made possible by --- a search engine company, Google.

While the data source is still a secret recipe, the Google driverless car is powered by artificial intelligence that utilizes the input from the video cameras inside the car, a sensor on the vehicle's top, and some radar and position sensors attached to different positions of the car. Sounds like a lot of effort to mimic the human intelligence in a car, but so far the system has successfully driven cars without human commands!

Advancements in Technologies

The potential for quantum computing is staggering since it's constrained only by the laws of physics. Universal memory replacements for DRAM will cause a tectonic shift in architectures and software. 3D printing has created a revolution in fabrication, with many opportunities to produce designs that would have been prohibitively expensive. Machine learning has played an increasingly important role in our lives, whether by ranking search results, recommending products, or building better models of the environment. Medical robotics has lead to many lifesaving innovations, from autonomous delivery of hospital supplies to telemedicine and advanced prostheses.

With energy consumption increasing along with the world's population, electric cars, LEDs, smart grids, smart cities, dark silicon, new battery technology, and new ways of cooling data centers are some areas where advances in sustainability are expected in future. Silicon photonics will address bandwidth, latency, and energy challenges, and developments at all levels of the network stack will continue to drive research and the Internet economy. In the area of software-defined networks, OpenFlow and SDN will make networks more secure, transparent, flexible, and functional. (Yanxia at el., 2014.)

Over all it is quite difficult to conclude that what benefits can be attained by the future technologies just can be imagined that in near future you will find a technology with you while you are alone, helpless and depressed to support you in all walks of life.

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