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THE FUTURE OF IT

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Анотація *У статті описані перспективи ІТ сфери у повсякденному житті, безпеці та різноманітних галузях людського життя.*
Ключові слова: ІТ, майбутнє, технологія, прогрес.

Abstract *The article describes the prospects of the IT-sphere in everyday life, security issues, and various areas of human life.*
Keywords: IT, future, technology, progress.

Today IT is one of the most common and progressive directions, which will undoubtedly make our life better. And therefore, it's very important to be aware of the development of this sphere.

There are many trends currently influencing how internet technology will be used in the future. For instance, there is starting to be a greater connection between people and the internet. We interact with the internet on the same principle as we feel a spoon as an extension of our hand, but our interaction with IT is more complex and interesting. People now perceive the internet as not only something tech but also as a mental and physical extension of themselves. Therefore, the internet will be digitally linked to objects we use every day. Such objects can be all technical household items. For example, there are already thermostats that allow us to regulate the temperature in our room from anywhere. Chatbots are also gaining popularity rapidly, thought nowadays they are designed for simple goals. However, chatbots will perform high-level tasks and even be able to replace your conversationalists in the foreseeable future.

In addition to everyday life, people will use IT in utterly different areas of life. A clear illustration of this view can be the project the essence of which is using sound to fight forest fires. Fires will be fought by drones that direct loud noises at the trees below. Since sound is made up of pressure waves, it can be used to disrupt the air surrounding a fire cutting off the supply of oxygen to the fuel. This is not the last IT project that is designed for our safety. In addition, there will be cars with breathalyzers. The US has developed devices that can monitor alcohol levels by sniffing a driver's breath or scanning the blood in their fingertips via the steering wheel. Using this tech a car can be completely stopped if levels are too high.

The next example of the introduction of IT into our life is self-driving trucks. Firstly, these trucks will be cheaper to run than regular ones. Furthermore, they drive more smoothly and use less fuel. Certainly, computers have not human failings and that is why they do not need rest and breaks. Therefore, this project has all chances to replace our habitual transport. Another needed direction where IT making progress is medicine. Some technology allows making a diagnosis even better than some doctors do. These programs also can identify symptoms of diseases. Consequently, a lot of doctors will be forced to give up their jobs to technology. It will be an era of change and reconstruction when a great number people will change their professions and try to find himself or herself exactly in the IT world.

To sum up, the future of technology is bright. And those who understand its trends and features exactly will remain in high demand. They will be the people who work with the technology that shapes the future of our world.

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