

- the first law - the robot can not harm a person or by its inaction allow a person to be harmed;
- the second law - the robot must obey human commands if these commands do not contradict the first law;
- the third law - the robot must take care of its safety, as it does not contradict the first and second laws.

In my opinion, Ukraine has great potential in the development and integration of robotics soon. The main areas can be: introduction of unmanned vehicles, development of robotics in the military industry, use of robots in medicine and the social sphere.

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PROSPECTS OF ARTIFICIAL INTELLIGENCE

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Today the entire innovation community is talking about artificial intelligence and its potential. The introduction of technologies based on it opens up new opportunities not only for leading corporations, but also for entire states. More and more disruptive solutions are emerging that can change entire industries.

Artificial intelligence is the ability of machines to programmatically analyze

the information received, process it and draw conclusions with the help of which decisions are made. The main characteristic of I-devices is the ability to constantly learn, quickly process information, accumulate knowledge and successfully apply it, that is, the acquisition of the ability to perceive and process the surrounding world, as the human brain does.

The first studies of artificial intelligence began in the middle of the 20th century. The concept of AI as scientific research has become the famous Turing test.

The benefits of artificial intelligence:

- accuracy of data processing;
- the ability to analyze a large amount of information at high speed;
- AI does not need sleep and lunch break, it does not make mistakes due to overwork;
- artificial intelligence can be used where it is dangerous for a person to be;

The potential for using artificial intelligence is very wide, it is already being used in many areas: medicine, finance, industry, trade, and usually in human life. For example - voice assistants Siri and Alexa, which can be downloaded on iOS, Android or Windows. Then there are bots in video games that can always behave in different ways. There are also automatic translators and complete smart home systems.

The AI world is actually incredibly large. Let's take a look at the evolution of AI that we can expect in the near future and how it can be used to solve the world's problems.

Computer security

- The prospect of AI applications in cybersecurity will ensure that hackers are prevented from committing cybercrimes.
- Security data processing: AI software can process huge amounts of security data in minutes and instantly analyze problems that would take a human for months.

Transport

- Automated vehicles: Autonomous vehicles and trucks were introduced, which reduce the number of accidents on the highway.

Health care

- AI-enabled Virtual Health Assistants (VHAs) can actively assist patients in a variety of ways. First, VHAs can help dementia patients with their prescribed medications by sending reminders.
- Able to detect and understand emotions in order to interact with the patient.
- Quick analysis of a person's examination reports (eg blood pressure, ECG) helps to warn of any serious illness.

Using machines that are studying can reduce time, financial costs, and labor. From several of the above applications, it is clear that AI can make our lives much easier and more productive.

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MAIN CAUSES OF GLOBAL WARMING AND WAYS TO SOLVE THEM

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Currently humanity is facing an environmental problem – global warming. Not everyone understands what this can lead to, but the situation is getting more and more out of control. We watch the seasons change. According to forecasts of leading international research centers for climate research, over the next century the