

PROSPECTS OF ARTIFICIAL INTELLIGENCE

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Artificial intelligence (AI) is the intelligence produced by machines. We can tell that it's a branch of science which studies how to program a simple computer to behave like human beings.

Not long ago AI began to solve primitive tasks, but today it is an integral part of all branches of technologies from our washing machine to robot assistant who can fulfill a huge number of your requests. Today AI solves a lot of the most difficult problems in different sciences.

In the modern world there is a huge number of fields where artificial intelligence is used. They are gaming, science, transporting etc. But one of the greatest advantages is the fact that we can minimize human labor using artificial intelligence that has the same physiological capabilities or even several times greater than those that human beings have. Recently people could not imagine that some day they would be able to fly into space. Today satellites are released into the atmosphere almost every day and this is thanks to AI which simplifies the algorithmization of the rocket flight process and can control a much larger number of processes than human beings.

Now artificial intelligence is widely used in defense, medicine and so on. Doctors can diagnose without affecting a person and recognize illnesses before they appear, and that's all thanks to AI which can do it in seconds. There are machines that can do human work: wash dishes, prepare food or drinks, communicate by phone.

That's why many companies prefer robots to people. Robots make far fewer mistakes than humans.

Various tools of AI are also used in text (speech) recognition, security, data mining etc. A special application for the gestures recognition and eye movements recognition for people with disabilities are being developed.

Only 10 - 15 years have passed since the starting point and AI can already do incredible things that a person is not capable of. It's hard even to imagine what will happen in 10- 20 years. We cannot deny the fact that the artificial intelligence is the future.

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