

## **ROBOTIC INTEGRATION IN OUR LIFE**

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Robots can significantly improve the quality of our lives at home, at work and on vacation. Specialized robots that work close to people will create new jobs, improve the quality of already suitable places and, in general, give people more time to focus on what important and exciting for them.

We live in the 21st century and such phenomena as robots in our lives, we are familiar with. If earlier, about 50 years ago, robots were something supernatural, and notes about them could only be read on pages of fantastic books and magazines, now robots are not new, and could be found everywhere. For example, a washing machine is a robot that is programmed to wash our things, or the *mp3* player – it's also a robot programmed to sing, the computer is a robot too! Indeed, more and more new technologies are being invented by people to make their lives easier and they are called robots. But what are these robots and how do they affect our lives? What is their integration into our lives and their role?

A robot is an automatic device, created on the principle of a living organism, programmed for a particular action. And it can perform the action when it receives

commands from a person, and not getting it. However, the goal of robotics is not to replace people by mechanization and automation of tasks, but to find a way for machines to help people and more effectively cooperate with them. Robots are much better than humans in processing digital data, picking up heavy objects and in certain situations they move with greater accuracy. People are better than robots in coping with abstract tasks that are required by generalization. People are creative due to their ability to think and to find the reason of all, they can recall similar instances from the previous experiences, and also thanks to the gift of imagination. Working together, robots and people can complement each other's skills and thereby increase the productivity of their work. Robots can't be dead with fatigue and can work at least 24 hours a day, most importantly, that would be enough for the costs of batteries. Needless to say about the effectiveness of robots, and what people can do per one year of work, the robot will perform it per month.

Thus, robots are widely used in our lives and are used to improve everyday life. This topic is more urgent than ever for our world, because people often do not have time to do housework, caring for their things, etc. because of excessive load. Robots have greatly simplified the lives of people on the planet. Therefore, it is worth paying attention to this topic, and also it is necessary to further develop technologies and make our life more comfortable and better.

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