

## **ROBOTIC INTEGRATION IN OUR LIVES**

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Robots are machines created by people to make life easier. They are not alive. They have no soul, they are not able to feel, reproduce, and they do not need to eat, drink, or sleep. Their main task is the unquestioning execution of people's orders, with maximum speed and productivity.

Robots are economically beneficial. For example, an automated car wash, it is

completely autonomous, you don't have to pay them, it does not need rest, can work 24/7. Using the built-in program, you will not waste extra resources.

Robots are immortal. They cannot be killed, it is very difficult to destroy the physical shell, but even after destruction, it will not cease to exist as long as the code is there, as long as the program remains – it can be used forever, constantly improving. For example, you can use them to deal with harmfulness. Robots are excellent workers at nuclear power plants, radiation does not harm them, and they can be located in minimal accessibility from the units, because they are not susceptible to high temperatures. They are able to carry out calculations in a matter of nanoseconds, in which case they will prevent a tragedy. They will not conduct experiments that could forever destroy living things within the radius of the city.

Physically, robots are very strong and do not know fatigue. They can be used as miners. Working in a mine is very dangerous and requires special treatment. A miner must be strong, resilient, stress-resistant, and smart. The robot has all of the above listed qualities. In the event of any incident at the mine, the robot will not be able to die or suffer – it is not alive, it will perform the functions that are assigned to it.

The most important qualities of doctors are a cool head, resistance to stress, precision of action, and enormous concentration. A robot could take on this role. The first robot to assist in surgery was Arthrobot, which was first developed and used in Vancouver in 1985. This robot assisted in manipulating and positioning the patient's leg by voice command.

In our realities, robots can also be used for military purposes. The robot is an excellent soldier: fast, strong, resilient, and secretive. He will never reveal secrets to the enemy. In the future, wars will be fought using robots. Nowadays, robots are actively used in demining our country, saving hundreds of civilians and soldiers, and reducing the risk of death for sappers.

Robots are excellent psychologists, despite the fact that they cannot sense. Unfortunately, most people do not really understand what people, who find themselves in trouble, really want and share it. They do not need notations, lectures,

jokes or advice; firstly, they want someone to simply listen to them, silently, without interrupting. Only after the person speaks out, you can calmly draw conclusions and come to a solution to the problem.

### **References:**

1. First robot in history (2023)

[https://ru.wikipedia.org/wiki/Da\\_Vinci\\_\(%D1%80%D0%BE%D0%B1%D0%BE%D1%82-%D1%85%D0%B8%D1%80%D1%83%D1%80%D0%B3\)](https://ru.wikipedia.org/wiki/Da_Vinci_(%D1%80%D0%BE%D0%B1%D0%BE%D1%82-%D1%85%D0%B8%D1%80%D1%83%D1%80%D0%B3))

2. Robowash (2015-2023) <http://robowash.com.ua/>