

## **PROSPECTS FOR ARTIFICIAL INTELLIGENCE**

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Although the term “artificial intelligence” has recently started to gain its popularity, the history of its creation dates back to the last century. Artificial intelligence of those years could play chess and solve mathematical problems. The term itself appeared in 1956 (James Moor, 2006), and this event is considered to be the beginning of the development of this industry. Over the years, developers faced difficulties as artificial intelligence could not perform creative tasks, but in the 1980s (Palo Alto, 1981) expert machines appeared that somehow imitated human intelligence. And only in 2010 (Juyang Weng, 2015) a real prototype appeared, thanks to the development of neural networks and deep learning

Nowadays, the increasing abilities of artificial intelligence may produce a frightening effect on people. There is no one who has not heard of it, it is a really fascinating topic that we are going to discuss in this article. Anyone can go online and check how artificial intelligence works by himself. Currently, the most popular is ChatGPT that has started to be actively used by programmers to write their tasks. It will make some people panic about the future of this profession. But if you look at

the statistics and talk to each programmer about their experience with it, you can conclude that their productivity has fallen. ChatGPT can solve basic tasks, but it does not provide a complete picture of the application. Moreover, its code looks unclear and incoherent in some points, and you need to understand its code which takes time. Therefore, it is only suitable for solving routine basic tasks that a robot can actually perform. But it is definitely not suitable for more serious work (Francesco Filippucci, Peter Gal, Cecilia Jona-Lasinio, Alvaro Leandro, Giuseppe Nicoletti, 2024).

Therefore, the experience of using this technology directly by programmers is mediocre. However, artificial intelligence can be used in various fields. That is why it is called artificial intelligence, because it seems to understand something and can answer anything. This is what scares people, they start to think about what will happen next and whether it is possible for it to realize its life as a task performer, or whether it can become a personality? I am going to answer “no”. It is just a name “artificial intelligence”, in fact, it is just a code that has learnt from the same code and database that we, humans, have created! It has no idea who it is, it does not even have a paradigm of thinking. It is just knowledge based that humans have created. Because of this name, “artificial intelligence”, people label it with their own minds. But it is not logical, a person is a person, they have their own personality, which is not the case with a program. As we have not seen any other personally developed intelligence at our level, we cannot imagine anything other than what we have in our heads now.

What can we say about understanding another paradigm of thinking and applying the same labels to artificial intelligence that our minds have? When we cannot understand ourselves, for example, another culture, country, and entire mentality. This is all abstract for each of us.

We all need to understand that artificial intelligence is just a knowledge base that performs a trained human action (Darrell M. West, John R. Allen, 2018). And that is why he will never become a personality, unless of course he is programmed to do so. It is because it is taught by a human that it will never be able to change, it will only be an example of intelligence and its illusion. Even if it is developed to the level

of solving real professional problems, what guarantees are there for the correct operation of this solution? For example, an artificial intelligence of a doctor will be created that really understands its profession and how it works. But there was a small nuance in training this model of a doctor: the programmer who was doing it was a racist. He made this intelligence so that all African-Americans receive contraindicated medications. This will be noticed quickly, but still, someone can suffer from it. Or, for example, an artificial intelligence judge, where you can come up with the idea that if the name of the offender begins with “A” and the offense ends with “A”, for example, then such a defendant is released without punishment. You can go on forever and really come up with bad things that will be difficult to notice. That is why artificial intelligence in such relevant professions is by no means unrealistic to see.

In conclusion, I would like to say that artificial intelligence is just a tool to help make people's lives easier, and it does not always have the competence to do so. We must understand that there is nothing wrong with it, it is a program trained by ourselves! We are waiting for the development of artificial intelligence as a tool, not an omnipotent one, so it has zero chance of replacing humans!

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