

1) the definition, development and implementation of organizational and practical measures complex aimed at preventing and combating criminal offences within the competence of the central and regional offices;

2) the use of the necessary search operations to discover the causes and conditions that conducted to the commission of criminal offenses referred to the competence of the cyber police within its powers and in accordance with the laws which form the legal basis of the activities of the National police;

3) the implementation of crime prevention in the sphere of high technologies, as well as informing the public about new types of cybercrimes;

4) the organization and control of the regional offices activities as to meeting the requirements of national legislation and regulations of the National Police and the Ministry of Internal Affairs of Ukraine with regard to the investigation of criminal offences, as well as maintenance of discipline and legality demands, the secrecy regime;

5) the creation and development of organizational and methodical recommendations for increasing the general professional level and awareness of activities of the National Police divisions and the population;

Taking into consideration all the above mentioned, it is possible to speak about the urgent need to create the so-called «cyber police» in Ukraine.

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ARTIFICIAL INTELLIGENCE

We are all living in a society that is connected with computers in one way or another. They have profoundly penetrated in our life. Today, smartphones, tablets, PCs, smart clocks, fitness trackers, laptops are everywhere. We may not even notice that artificial intelligence is getting increasingly popular, you are interacting with it more than you realize, technological future is closer than it seems. So, what is Artificial Intelligence?

In basic terms, Artificial Intelligence is a branch of computer science that makes machines seem as if they possessed human intelligence. The main idea of it is that automatons are capable of performing tasks at the same level of intelligence and sentience as a human being is. The term was first coined in 1956 by professor John McCarthy. A team of computer scientists and mathematicians headed by him studied how computer can learn things like a child does using trial and error method to find the truth. That was more than 60 years ago.

Today, supercomputers can fetch needed information from infinite flow of data, robots can deliver post to your house, almost all armies in the world are equipped with remote – piloted vehicles, machines can write music and even lyrics, and the thing that is hard to imagine is that neural network can even draw animation for music video of a Chinese singer Chris Lee. It may seem unbelievable but it is reality.

Artificial Intelligence is becoming more able-minded and dexterous. This thought is fascinating and terrifying at the same time. What happens when we lose control over super intelligence? Is it possible?

Nowadays a few famous scientists such as Elon Musk and Stephen Hawking have impact on the evolution of intelligent machines. Elon Musk has believes that technology development is excellent in the area of artificial intelligence,” it is growing at a pace close to exponential”. But nobody can say that this mental power will be friendly with regard to human beings. Also, professor of Cambridge University Stephen Hawking says that the creation of powerful artificial intelligence will be “either the best, or the worst thing, ever to happen to humanity”.

To my mind, Artificial Intelligence has lately been the central problem of contemporary society because electronic circuits inside robots are millions times faster and more efficient than the human brain, so it’s obvious that machine can think and perform faster than its creator.

Computers can learn how to do things that humans sometimes do not know how to do – they can build complex algorithms, analyze in advance hundreds of operations to be carried out. For instance, neural network can get experience analyzing past mistakes and fix them to never make them again.

There exist some particular areas in which computers outperform humans. For example, the best chess player was defeated by artificial intelligence. Another fact is that a computer has never lost in a game of crosses and toes. Being better in games is just the beginning. But what if Artificial Intelligence becomes more competent in other fields? How will AI affect your job, will it make up your work obsolete? What functions will be left to us, people?

I think that we should come up with some solution to the problem of controlling Artificial Intelligence since with fast growth of super intelligence we will hardly be able to keep up with our rival – Artificial Intelligence.

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DEVELOPMENT CONDITIONS OF UKRAINIAN INSURANCE WITH ORIENTATION ON THE USA AND CANADA

According to my previous research, where I referred to European countries and compared features of insurance system, I concluded that Ukraine has its own advantages and disadvantages in such area. In this research, I decided to consider and find the sufficient methods, which would be necessary and most efficient for implementation in Ukraine.

European countries are developed enough in the area, because governments of these counties have realized an importance of health and social security in forming a happy