

expanded from being just an emulator to a complete platform for advanced application development, testing and deployment. It is so fast that it is widely used in different spheres and its application is demanded extensively.

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THE IMPORTANCE OF CREATING CYBER POLICE

Nowadays the question of the protection of personal data in digital media raised especially sharply.

At the present stage of human development in the transition from industrial society to information one, the major social problem caused by negative factors of information is to prevent violations in the field of public relations information. In the scientific and popular literature such offenses received generalized definition of "computer crime" and "cybercrime".

Cybercrime is the latest social phenomenon that has been spreading around the world. Cybercrime refers to criminal offenses, mechanism of preparation, commission or concealment of which involves the use of computers (PCs), telecommunication systems, computer networks and telecommunications networks, as well as other criminal offenses committed with their use. Characteristic of cybercrime is that organized crime groups are increasingly seeking to use the Internet, new information and computer technologies to achieve their criminal goals.

It is difficult to overestimate the relevance of the issue of cybercrime to our country. In terms of external aggression in the Eastern and Southern Ukraine, open borders and a single world information space there is a potential threat spreading in Ukraine such dangerous phenomena as cyberextremism and cyberterrorism.

Nobody doubts that the system of the Ministry of Internal Affairs of Ukraine should be reformed. The goal is a rapid and qualitative reform of Ukraine Police units involved in combating cyber crimes and preparing skilled personnel, capable to ensure law and order in the area of information and telecommunication systems, to prevent and promptly detect hacker attacks on servers of government agencies, to provide security of government and department electronic records and databases functioning at the appropriate level.

The concept of creating the cyber police is to develop modern tools to improve the system of work of the National Police of Ukraine in general.

The purpose of the cyber police is the organization of effective counteraction to manifestations of cybercrime and meaningful impact on the operational situation in the area.

Functions of the central and regional offices of the cyber police will be the following:

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.