cooking and growing vegetables and fruits themselves, they simply do not recognize it. I am not for or against this idea, but I think that not everything can be printed on such a printer. Perhaps this invention will save many countries from starvation, but for that it should have an affordable price so that not only wealthy people, but also others can get it. 3D printers print a lot of useful things, but everything on the world is impossible to print, and I do not think there will be a great need for this.

References

1. 3D принтер для печати еды появится на каждой кухне в ближайшие годы [Електронний ресурс]. – Режим доступу: https://hi-news.ru/technology/3d-printer-dlya-pechati-edy-poyavitsya-na-kazhdoj-kuxne-v-blizhajshie-gody.html

2. From pixels to plate, food has become 3D printing's delicious new frontier [Електронний ресурс]. – Режим доступу: https://www.digitaltrends.com/cool-tech/3d-food-printers-how-they-could-change-what-you-eat/

УДК 336.743=111
INFLUENCE OF CRYPTOCURRENCY MARKET ON THE INFORMATION TECHNOLOGY DEVELOPMENT

Torbunova A., 41 КН   **e-mail: naumova1997nastya@ukr.net**
Zaitseva N.V., language adviser   **e-mail: nataliia.zaitseva@tsatu.edu.ua**
Tavria State Agrotechnological University

Nowadays, the development of information technology has affected almost every sphere of our life. The rapid development of the modern technology and IT-solutions make their demands in the labor market. There are many banks on the Internet, digital wallets and digital currencies, which are associated with the development of information technology. One of the mentioned above items is cryptocurrency. It is both demanded and the most discussed currency today.

The purpose of this study is to investigate cryptocurrency potential with relation to its impact on information technology advance.

Cryptocurrency is a form of digital money that is designed to be secure and, in many cases, anonymous. It is a currency associated with the internet that uses cryptography, the process of converting legible information into an almost uncrackable code to track purchases and transfers [1]. With the development of a new direction in programming, the list of professions in this field has expanded. So, because of the cryptocurrency, 18 new IT specialties appeared. Some of the most innovative are: Cryptocurrency Analyst, Cryptocurrency Developer, Cryptocurrency Mining Technician, Cloud Engineer with Bitcoin protocol and so forth. The last year only the demand level for a blockchain specialist skills and experience has grown by 40%. Nowadays, a blockchain specialist is a person with a unique combination of technical knowledge, programming skills and knowledge of the 'finance basics'.

Over the past month, not only the price of bitcoin has grown rapidly, but also the global cryptocurrency market as a whole (Figure 1) [2]. Consequently, as prices rise, so does the demand for professionals and the creation of special farms.

Fig. 1 – Ethereum Exchange ETH/USD
Retrieved from https://forklog.com/rynok-kriptovalyut-vyros-v-poltora-raza-s-nachala-2017-goda/

Today, there is no way to find a person who would not hear about mining [3] – a way to accumulate cryptotokens through the work with the corresponding program. Mining farm is a regular computer with video cards connected to it. A standard farm consists of 4 to 6 video cards. With the help of a special program (miner), a computer farm provides a return on computing power in favor of the Blockchain system, the cryptocurrency you are extracting at the moment. Also the necessary equipment for mining farms includes:
–motherboard;
–hard drive;
–videocards.
–power supplies;
–video card adapter systems;
To conclude, the demand for these devices raises the question of creating more powerful equipment and the use of advanced information technologies. Therefore, rapid breakthrough in information technology sphere is to be expected shortly.

References

1. What is cryptocurrency, how does it work and why do we use it? [Електронний ресурс].– Режим доступу: https://www.telegraph.co.uk/technology/0/cryptocurrency/ ?awc=15609_1540229110_ www.google.com.ua
2. Два миллиона компьютеров по всему миру заражены вредоносным ПО для майнинга [Електронний ресурс]. – Режим доступу: https://coinmarket.news/2017/09/24/dva-milliona-kompyuterov-po-vsemu-miru-zarazheny-vredonosnym-po-dlya-majninga/

УДК 004.67=111
PROSPECTS OF GLOBAL BIG DATA APPLICATION

Vydrenko O., 41 КН   **e-mail: oleg.vydrenko@ukr.net**
Zaitseva N.V, language adviser   **e-mail: nataliia.zaitseva@tsatu.edu.ua**
Tavria State Agrotechnological University

The number of enterprises using Big Data in their work is constantly growing. The practice of recent years has shown that the use of the results of the large data array analysis can have a real effect, which will have a positive impact on the company's income. But Big Data also requires huge costs (up to million dollars) from an enterprise for powerful hardware to process this huge amount of data.