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DEVELOPMENT PERSPECTIVES AND PROBLEMS OF IT-EDUCATION IN BELARUS

The development of the computer software and IT services sector in Belarus has been characterized by steady growth over the past ten years. Thanks to the current situation on the world market Belarusian companies today do not experience significant difficulties in the involvement of new clients. But there is a problem of providing companies by qualified professionals.

The current demand for IT professionals exceeds the supply more than three times. According to the investigation Minsk universities can not completely meet the growing demand for IT staff [1]. Almost all types of IT professionals with different skill levels are in great demand. Companies have already felt a serious need of independently train middle-course students, because some of them are often not suitable for hiring. We can say that the qualitative training of IT professionals has gradually moved from the education in university into the company. Universities don't give students relevant practical skills that companies require.

There is a need to transform the education system with an emphasis on the training of technical specialists for the further rapid development of the industry. Among the main tasks to be solved are the following: orientation to practice, adaptation to the real working process, updating training programs and materials, developing teamwork skills, supporting talented professors.

In addition to basic knowledge in mathematics higher education programs should provide knowledge of modern approaches to building distributed computer storage. It is necessary to introduce classes on architecture and design of mobile device interfaces. First of all the education system should be addressed to the needs of the industry. According to the survey of residents of the High-Tech Park the main reasons for the denial of employment of university graduates in 2016 - 2017 are the low level of theoretical training, insufficient level of foreign languages knowledge and unrealistic expectations for wages. Thus, there is a need to review of the existing education program.

In the 14th century books were very rare, so the professor at the university (or monastery) read expensive books and commented on them, and the students wrote down these comments. And still in 2018 we can see the same method of education that is boring and ineffective for students. Students understand it and start to skip classes. But the system

resists their absence and threatens them with expulsion from the university. According to a survey students have to independently receive skills that are needed for a job, because universities offer <u>outdated</u> approaches. Books or electronic syllabus can be read at home, and in classes students should be engaged in interactive forms of training to elaborate practical and theoretical skills [2].

Another important problem is old training programs with the approach as 15-20 years ago, in spite of the fact that more than one generation of computers has been refreshed and the phones react to commands with the help of built-in artificial intelligence [3].

Therefore developed modern education in Belarus IT sphere will be able to get not only the money but also to keep young talented people in the country and to reduce an outflow of personnel abroad.

Education is the largest business. According to UK Universities foreign students coming to study in the UK bring the country income of more than 25 billion pounds and provide a significant increase in employment in the country's economy [4]. Today training of students is the best investment in the future of business and the country as a whole.

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AUGMENTED AND VIRTUAL REALITIES IN BUSINESS

The rapid expansion of technology is opening new opportunities for business. One of the key trends is reality technologies development.

First of all, it is important to differentiate between augmented and virtual reality.