

Студ. А. А. Кравченко  
Науч. рук. преп. А. В. Шавель  
(кафедра межкультурных коммуникаций и технического перевода, БГТУ)

## **THE INFLUENCE OF PROGRAMMING ON OUR THINKING**

The choice of profession is one of the most responsible decisions in our life and the connection between the way of thinking and profession is obvious. Everyone has his or her own interests, which can be developed into an occupation. And when you start to devote a lot of time to one thing, you develop the skills that characterize this field.

The IT sphere is a special example of the influence of occupation on our thinking. This sector is always associated with smart people who develop complex algorithms and work with techniques that ordinary people will never understand. In reality, programmers do not have to be necessarily smarter, more logical, or more rational than everyone else, as it is commonly said. But scientists have recently started studying the brains of programmers and have come to some interesting conclusions. Studies in this sphere observed the effects of computer programming on cognitive outcomes and found that students with programming experience scored 16 percentile points higher on cognitive ability tests than students who did not have programming experiences.

Everyone should determine the need to learn computer programming by himself. If you want to find a new hobby, which can help you to analyze and solve problems easily this is for you. There are generally two parts of programming: creativity and problem-solving. Whether a programmer fixes a bug in his code, or hunts it down in someone else's, it's the ability to logically solve the problem. Problem-solving can be logical, but it is a creative process too. In addition, this skill can be applied throughout your life outside of work.

If a person decided that computer programming is a really useful skill the best way to start learning it is to analyse some simple tasks with algorithms and offer several options to solve them. And then logical thinking will be developed and brain health will become stronger.