Гумметов Рустам, Б18-191-2

Information technology (IT) is the use of any computers, storage, networking and other physical devices, infrastructure and processes to create, process, store, secure and exchange all forms of electronic data. Typically, IT is used in the context of business operations, as opposed to technology used for personal or entertainment purposes. The commercial use of IT encompasses both computer technology and telecommunications.

IT is generally associated with the application of technology to deal with business issues. As such, the IT workforce is oriented toward developed technologies such as hardware systems, OSes and application software. Proficiency in IT is required to identify the hardware and software components that should be used to enhance a specific business process. IT pros work with a variety of technologies, such as server OSes, communications devices and software, and applications.

Employers are looking for professionals with programming skills. The IT professional also needs to understand the coding process. Communication skills are important for anyone working in IT, as IT professionals are often required to work in many teams and groups. Knowledge of networking technologies will be required by IT professionals in both large and small companies. Many IT pros will need independence and motivation, and a lot of self-directed work means being able to manage projects well.

The profession of an IT specialist has many advantages: The specialist can work remotely or in a free schedule; Computer technologies, developed Internet infrastructure, demand for online resources and the dynamics of the e-commerce sphere have de facto provided IT specialists with work for decades to come. This is the profession of the future; Programming is an intellectual elite platform for professional formation and development; The salary of a good western IT specialist reaches tens of thousands of dollars a month.

Also, this profession has difficulties. The main condition for a successful career of a programmer is a deep knowledge of logic, mathematics, physics, programming languages. This is a large layer of information that needs to be constantly updated and supplemented. Many do not even suspect what psychological efforts the profession requires. She builds character, because it is almost impossible to get a quick result in her. The disadvantages of the profession often include the necessary knowledge of the English technical language.