

«My future profession»

Student

Group PI-25

Fedotov Nikita

What is a programmer?



A programmer is a person who develops and writes programs for electronic computers, that is, he is a specialist who creates an algorithm based on mathematical models.

There are several directions for the work of a programmer.

The history of the profession

The first program for the analytical machine was written back in 1843 by the daughter of George Byron, the Countess Ada Augusta Lovelace, and the first programmable computer was launched in 1941. It was launched (and at the same time the first programming language was invented) by German engineer Konrad Zuse.



Ada Augusta Lovelace



Konrad Zuse

Directions for the work of the programmer

Applied direction - in this direction programmers are engaged in the development of programs designed to perform certain tasks and designed to interact with the user.



System direction - in this direction, programmers develop operating systems, interfaces, and the like. This is the rarest and most difficult to master the type of programmers.



Web-direction - the specialists of this direction are engaged in the development of sites, their design and everything related to the Internet. Recently, this direction is gaining popularity.



Advantages of work as a programmer

- High wages;
- Constant increase in demand in competent specialists. Requirements for age and experience are not as stringent;
- Possibility of remote work, independent search for projects;
- Good substantive knowledge provides retraining opportunities in related areas;



Advantages of work as a programmer

Seated work at the computer. It is necessary to closely monitor your health, without physical exertion there is a risk to get problems with your eyesight and musculoskeletal system.



The work as a programmer is quite young, for the most part people who are under 40 years old are employed in it. Not the most successful profession for those who are going to find a quiet job, and sit there until retirement;



Although the profession involves communication, communication is reduced to professional conversations with colleagues and superiors. People who need constant communication with different people will be quite difficult.



Programmer abilities



The programmer must have a number of abilities that will help him in the development of the profession:

- logical thinking;
- flexibility and dynamic thinking;
- ability to analyze the situation;
- good level of memory development;
- the ability to competently express their thoughts;
- high level of technical abilities;
- mathematical skills;
- developed imagination.



Famous programmers



Mark Zekerberg - American programmer, founder of the social network "Facebook". His fortune totals about 45 billion dollars.

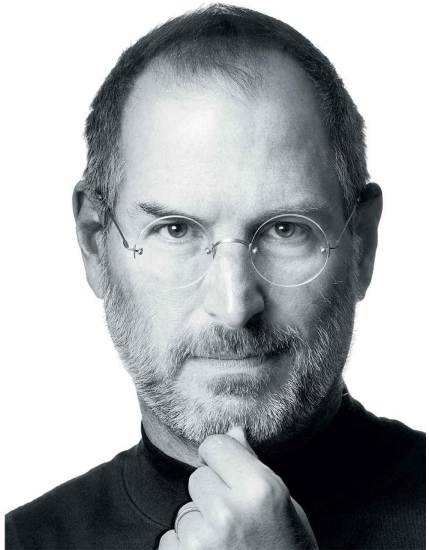
Pavel Durov is a Russian programmer, is a ruble millionaire. One of the founders of the Russian social network "Vkontakte" and popular today the messenger Telegram.



Famous programmers



Bill Gates is an American programmer, entrepreneur. He is the founder of Microsoft. His condition totals 76 billion dollars.



Steve Jobs is an American programmer. One of the founders of the company "Apple". Unfortunately died from the disease in 2011.

Programming difficulties

But whatever one thinks about programmers, first of all they are very talented and gifted people. No other engineers have to think and show their creative abilities at work like programmers. You must admit that, in architecture, journalism and practically any other profession, you can develop your own work pattern and only automatically execute it, very rarely “straining” your brains. Programmers have everything wrong: each program must be individually arranged, as small and laconic as possible. For the programmer, each new day is a new solution to the task, a new victory.