

HISTORY OF COMPUTER SCIENCE

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Here are some provisions on the history of computer science.

Blaise Pascal designed and constructed the *Pascaline* in 1642. This machine did only two arithmetic operations.

The next working mechanical calculator was the *Step Reckoner*. It was invented by German mathematician Gottfried Wilhelm Leibniz in 1694. The *Step Reckoner* was the first mechanical calculator that could perform all four arithmetic operations.

In 1843 Charles Babbage created the automatic mechanical calculator designed to tabulate polynomial functions. The Machine, he invented, was called *Analytical Engine*. The first computer program was written exactly for this machine. Ada Lovelace wrote the code for this program. She was the daughter of the famous poet Lord Byron. She was also an English mathematician and writer. Her notes contained what is considered the first computer program — that is, an algorithm or processing machine processing. She is considered the world's first computer programmer.

The *Enigma machine*. The word Enigma is Greek, it means “secret”. This machine was used for the encryption and decryption of secret messages. The German military used the Enigma machine during World War II for transferring secret information.

The *Apple company* was established on the first of April by Steve Jobs and Steve Wozniak. On the first logotype we can see Isaac Newton sitting under the apple tree, where he probably discovered gravity, by an apple falling on his head. In 1976 the company sold personal computer – Apple I.

Professional Programmer's day is on September the 12th or September the 13th, it depends on a leap year. This unusual date was chosen because the number 256 means two in the eighth power, this number can be represented by a single byte.

All the above-mentioned people and companies contributed a lot to the development of computer science.

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