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CREAT YOUR OWN 3D LIFE

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The first 3D model was developed in the 1960s. 3D modeling of the involved professionals who were masters in the area of computers and automation. This system worked with mathematics and data analysis.

The innovator of 3D graphics is Ivan Sutherland. This groundbreaking program helped to create 3D objects. Many talented individual from across the country helped to contribute to the formation of the industry.

3D modeling has opened up many possibilities, giving quick and easy methods of creating prototypes of element. Nowadays people know polygonal modeling, curve modeling, digital sculpture.

3D models are used in various industries. Starting from entertainment and games, cinema, animation and finishing for engineering, manufacturing, medical technology, architecture and even Geology. Every year there are more and more applications of this region. The broad capabilities of 3D software are also used in constructing digital and mechanical models or parts thereof.

Using printers, people can create and test prototypes. Using this technology, scientists and engineers can more quickly turn ideas and plans into real objects. They test and improve the model much faster and more affordable.

In general, 3D modeling allows you to recreate any system established by the technology or details. It opens the possibility to determine how to improve this system and use knowledge in the future. For example, one of directions of modern medicine is the development of bionic prostheses and implants.

The ability to take the functions of lost organs and limbs opens up new possibilities. This technology is already on the market from companies, such as “Ossur” and their touch bionic, “Motility”, “AlterG” and so on. They create and improve bionic implants hands, feet, heart, ear and eyes. All this gives great hope that the people will be stronger than the disease.

Of course, it is hard to imagine a modern design and prototyping without 3D modeling. It has come a long way from the development of students prior to the opening, which penetrated the life of each of us.

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