

5. Enhanced Client Interaction: AI can bridge the understanding between designers and clients by collecting data from clients regarding their preferences and connecting them to like-minded interior designers for better guidance. This can improve the overall client experience and satisfaction. [5]

It's important to note that while AI offers valuable assistance and optimization in interior design, it cannot replace the human touch and the ability of designers to connect with clients on a personal level. The future of interior design lies in the collaboration between AI and designers, leveraging the power of technology to enhance creativity and efficiency while maintaining the human element. [5]

As AI continues to advance, we can expect even more intelligent and sophisticated tools and technologies to shape the interiors of the future. The integration of AI in interior design presents endless opportunities for innovation and development, allowing designers to create beautiful, functional, and personalized spaces.

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ROBOTICS IN THE CONSTRUCTION OF MODERN HOMES

The variety of needs and tasks grows in direct proportion to the development of the social component. At the same time, the variation of robot classifications is increasing, the components of a modern robot are becoming more refined and equal to the cosmic level.

Currently, the field of robotics is divided into consumer, production, and educational fields. Consumer demand for various cleaning robots or drones that help conduct aerial surveys for reconnaissance during hostilities is unabated. [1]

The educational field of robotics in Ukraine is also growing rapidly. More and more often, educational projects are appearing, where you learn to design and program robots with the help of special sets of robotics. With the help of robots, Nova Poshta, Fozzy Group, and medical institutions throughout Ukraine perform their work processes at a first-class level.

Let's consider what kind of robots there are by example: some are sharpened for assembly work they cannot be easily adapted for other applications. In this case, it is called a folding robot.

Works that perform seam welding and have welding equipment along with other material handling facilities such as rotary tables and others as a single unit. Such an integrated robotic system is called a "welding robot". And those jobs that manipulate huge loads are called "heavy duty jobs". [2]

During the period of independence, Ukraine showed the world hundreds of thousands of innovative ideas that are in demand both on the Ukrainian market and outside the country.

The authors of a digital clothing store with collections of the most famous brands, an application that saves patients with bipolar disorder, and a platform with millions of investments are Ukrainians! The main obstacle to the development of robotics in Ukraine is the lack of funds, which startups are successfully overcoming. [3]

According to Deloitte surveys, 70% of respondents from Ukraine consider the trend towards the development of robotics important, 28% use AI and robotics to reduce routine work and avoid duplication of processes.

Today's realities lead Ukrainian robotics to mass development of military robotic weapons and applications. The emergence of new educational institutions that will teach children robotics is an important decision for the future of the state. [4]

After all, after the victory of Ukraine on the battlefield, the question will arise regarding the labor force that suffered losses as a result of the war, migration processes, destroyed production facilities and infrastructure. New robotic systems with artificial intelligence are likely to replace outdated production facilities.

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