

COMPUTER GRAPHICS AS A TOOL FOR THE DEVELOPMENT OF STUDENTS CREATIVE AND INTELLECTUAL ABILITIES

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Teaching computer graphics is not only an important part of the training of future computer science teachers, but can also be used as a tool for developing students' creative and intellectual abilities.

Computer graphics is an important tool for developing the creative and intellectual abilities of students in Uzbekistan. She helps them develop their skills in design, animation, modeling and visual effects.

Computer graphics training allows students to improve their drawing skills, work with color and shape, create compositions and improve their visual thinking skills. It helps them develop their creative thought and improve their visual expression skills [1].

In addition, working with computer graphics can help students develop their intellectual abilities, such as logical thinking, abstract thinking, and spatial perception. This helps them develop their analysis and problem-solving skills.

Computer graphics education can also form the basis for more advanced courses related to design and the visual arts. It helps students choose their future profession and identify their interests and passions.

When working with computer graphics, students learn to analyze, interpret and create visual information. They also develop their problem-solving, critical thinking and communication skills.

In addition, working with computer graphics can stimulate students' creative thinking and imagination. They can create their own designs, experiment with color, shape and texture, and express their ideas through visual art [2].

In general, studying computer graphics can help students develop their creative and intellectual abilities, which can be beneficial for their future career in information technology or other creative professions.

In addition, working with computer graphics can help students improve their visual analysis and perception skills, which can also be useful for future professionals in various fields related to design, marketing, advertising and multimedia [3].

Learning computer graphics can also be an incentive to develop students' interest in new technologies and their application in various areas of life. This can help them become more competitive in the labor market and successful in their future careers.

In addition, working with computer graphics can help students develop communication and collaboration skills, as they will work as a team and communicate with each other to achieve a common goal. It can also help them develop leadership skills and problem-solving skills [4].

Computer graphics education can also form the basis for more advanced courses related to design and the visual arts. This can help students choose their future profession and identify their interests and passions.

In addition, computer graphics can be useful for students who are interested in various fields such as architecture, medicine, engineering, and design. They can use their computer graphics skills to create models and diagrams that help them in their professional activities.

Also, computer graphics can be used to create educational materials such as presentations and tutorials. This helps students to better understand the material and improve their learning skills [5] .

Finally, computer graphics can be used to create various projects and works that can be shown at exhibitions and competitions. It helps students to show their talent and get recognition for their work [6].

In general, computer graphics plays an important role in the education of students in Uzbekistan, helping them to develop their creative and intellectual abilities, as well as preparing them for their future careers in the modern world.

In general, teaching computer graphics is a necessary element of modern education in Uzbekistan, which helps students develop as individuals and prepare for a future career in an innovative world.

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