

# The Influence of AI Intelligence Development Trend on College Students' Aesthetic Education

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**Abstract:** The rapid iteration of artificial intelligence technology presents a "competitive" relationship between AI and human art professionals on the surface, and it mostly points to primary and execution-oriented applied artwork. As the use of "technology" and "device", artificial intelligence art can give more power to art creation and art education, but there are also limitations at different levels. It is particularly urgent and important to strengthen and improve aesthetic education in colleges and universities. Mobile aesthetic education has become a new method and new direction for the innovation and development of aesthetic education practice in colleges and universities in my country. It takes the content and methods of life that college students like to see as the starting point, discusses the development of aesthetic education in colleges and universities, and explores the student-oriented aesthetic education that points to real life experience. Modes and patterns, so that aesthetic education in colleges and universities can be implemented and more efficient.

**Keywords:** *Ai, Intelligence Development, Aesthetic Education*

## I. INTRODUCTION

Artificial intelligence is entrusted with human's longing and ideal pursuit for a better life. On July 20, 2017, the State Council issued the "New Generation Artificial Intelligence Development Plan", which sounded the clarion call of the era of marching towards artificial intelligence at the policy level, and "artificial intelligence" was officially promoted to the national strategy. Artificial intelligence and its components such as data, algorithms, hardware, Internet access and storage have made the efficiency of information communication technology advance by leaps and bounds, especially with the evolution of superimposed mobile Internet technology, new media emerge in endlessly, and the form of mass communication is undergoing a revolutionary transformation change.

With the advent of the 5G era, based on new technologies such as the mobile Internet, big data, virtual reality, and human-computer interaction, based on the sharing economy, the media form that can give full play to personal cognitive surplus and realize the intelligent matching of information and user needs. The era of intelligent media has come head-on. Intelligence will become the core logic of future communication model innovation, and the development of media communication towards intelligent media will become an inevitable trend. From the perspective of the actual teaching effect of aesthetic education, there are many unsatisfactory things at present, such as teachers' teaching according to the book, lacking the spirit of seeking innovation and change; curriculum design lacks a sense of the times, and is limited to the appreciation and analysis of pictures of artworks, etc. In the era of artificial intelligence, the traditional aesthetic education methods, teaching concepts, and value orientation have lagged, and

cannot meet the increasingly diverse needs and independent thinking of college students.

Taking art and science as the two main bodies of the integrated development system, constructing a coordinated development mechanism of aesthetic education with perfect coordination, consistent goals, and overall innovation is the only way to enrich the content of aesthetic education research in colleges and universities and broaden the research field. However, in terms of applied art that faces practice directly, "AI competition" seems to be increasingly becoming an objective existence: specifically, in terms of the current stage of "weak artificial intelligence" in which various AI arts are in, the most impact and competition are those mentioned above. The "junior" and "performing" art practitioners mentioned. Taking visual art as an example, AI painting, which is commonly used at present, still has many flaws in the structure and rationality of the picture, but overall, AI is already very good at creating scenes. The key to technological development returning to humanity.

On the one hand, under the background of the alienation of technology to people, aesthetic education explores the path and method of returning to people themselves and strives to use the emotion of beauty to pull people out of the "indulgence" and enjoy the beauty of "immersion". On the other hand, technology is created by people, while aesthetic education is to cultivate people. The humanization of technology needs to be created by humanized people, and aesthetic education needs to take on the important task of cultivating completer and more comprehensive scientific and technological workers who develop rationally and emotionally harmoniously. American media scientist Paul Levinson put forward the concept of "humanization trend" for the first time in "Replay of Human History", which is used to describe a kind of media technology that is more and more in line with human needs and convenient in the evolution process. Human propensity to use it for information exchange.

## II. THE PROPOSED METHODOLOGY

### A. Using artificial intelligence to enhance the value of aesthetic education

With the concept of "synergy" and "innovation", aesthetic education in the new era uses new technologies such as artificial intelligence, virtual reality, and data mining to break through the traditional aesthetic education curriculum categories and expand students' humanistic qualities. Experiments also need to closely combine virtual teaching, break the barriers between disciplines, gather superior resources between disciplines, set up systematic aesthetic education courses suitable for the diverse needs of students, and form an aesthetic education ecosystem that is inter-professional, interdisciplinary, and cross-category, to cultivate comprehensive talents with artistic aesthetics, artistic innovation, and humanistic qualities. Technology and aesthetic

education work hand in hand to integrate school and social aesthetic education resources, integrate art, culture, and economy into the overall practice of society, and blend and superimpose various energy elements to form a large aesthetic education space pattern.

The objective existence of "competition" and its impact on some art professionals in some specific fields of artwork is the answer to the question "whether artificial intelligence can replace art professionals". But if we replace the "challenge" and "competition" with the other side of the coin, based on the standpoint of art education and human beings, should we turn the question into a more current question of "the core competitiveness of artistic talents"? NetEase Tianyin, ACE Diva and the like the music creation AI challenged the general arrangement work in terms of speed and efficiency. With the development of artificial intelligence technology, the degree of intelligence of mobile phones has been continuously strengthened, the speed of update and iteration has been continuously accelerated, and the penetration rate and usage rate of smartphones have continued to rise.

In this context, great changes have taken place in the behavior and characteristics of individual mobile phone use, which has further triggered a new social symptom of "mobile phone control". The medium and carrier that "mobile phone control" depends on-the mobile phone is more intelligent and can better meet the individual needs of different users, and the individual's dependence on mobile phones is further deepened. On the other hand, intelligence has further changed the representation of "mobile phone control", making the "mobile phone control" behavior more closely related to individuals, and has a more profound impact on individuals, prompting human society to rethink the relationship between technology and people relationship between. In fact, not only intelligence, but also socialization, mobility, individuation, and boundary blurring have all become the characteristics of the current media evolution. The creative art course supports and trains teachers to skillfully use the multimedia integration function of modern educational technology to develop and construct dynamic or static multimedia courseware, so that students can understand aesthetic knowledge and improve aesthetic ability from the perspective of visual and auditory sensory systems.

### ***B. Application of Artificial Intelligence in College Students' Aesthetic Education***

In addition, in the process of students' practice, guide students to use software technologies such as jigsaw puzzles, transplants, transformations, and cutouts to choose digital media technologies suitable for their own situations, understand the characteristics of different technological means, and flexibly arrange various computer software for their own use. Enhance students' sense of acquisition in hands-on practice. An art student's experience using AI provides a good example of the conclusion of "promoting creativity". When using DALL-E, he entered the keywords of "World War III" to generate related visual works and got some important inspirations.

He said frankly that when he was still thinking about the warring parties of the Third World War and what the narrative logic of this theme creation should be, the AI works had already presented a dramatic and rational narrative logic: under the damaged building, the underground scene is exposed. Whether it is true, good, beautiful, or false, ugly, or evil, it becomes difficult to distinguish in this free and open virtual world. The prosperity of information resources and the barrenness of the spiritual world have become a reality.

Rigorous and delicate aesthetic attitude, elegant and refined aesthetic feelings, profound and fresh aesthetic taste are gradually dispelled by casual and secular network aesthetics. It is particularly urgent and important to strengthen and improve the aesthetic education of college students. The art literacy curriculum system takes the "art appreciation" course as the main body and uses the smart phone as a mobile modern aesthetic education platform. With its powerful digital technology and information browsing function, it can make students cross time and space, break through the limitations of physical space, and satisfy students' perception of beauty and aesthetics anytime and anywhere.

The art experience course system takes the "art aesthetics and experience" course as the main body, covering and connecting literature, history, philosophy, and other fields of knowledge, aiming to enhance students' understanding and experience of beauty. And based on new teaching environments such as the Internet, big data, and cloud computing, the aesthetic education materials are directly and quickly distributed to students by means of mobile Internet terminal devices to enhance communication and interaction. In the context of considering the "technology" of artificial intelligence as "use", emphasizing the quality of aesthetic perception, creativity, cultural understanding, and other dimensions, in the so-called "human-machine competition", becomes even more important.

Researchers believe that the mining of educational data based on artificial intelligence technology can support learners to carry out precise and personalized learning and can free teachers from heavy work such as classroom management and homework correction to engage in more educationally valuable things. In the new generation of Internet environment based on cloud computing, the informatization of the whole process of aesthetic education has produced a large amount of aesthetic education data, which is large and diverse, comes from real aesthetic education scenes, and has great aesthetic education value. Through mining and intelligent analysis of aesthetic education data, intelligent evaluation of real-time tracking and feedback, aiming at different students' aesthetic experience and aesthetic emotion.

### **CONCLUSION**

To sum up, how to cultivate art professionals, how to make good use of AI, and with a posture based on the foundation of human kindness and beauty, prudently face multiple aesthetics, face the development of artificial intelligence and even the sweeping metaverse. Various uncertainties in this issue aesthetic education should never leave the field, and it needs to have new thinking and new directions that are constantly changing and adjusting. The development of technology goes hand in hand with the development of people. The desire to cultivate a complete human will become more realistic, feasible and universal in the context of surging technological trends. Aesthetic education in colleges and universities will also be more in line with the trend of the times and the needs of college students in the new era.

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