Research on the Main Strategies of Using Computer Technology to Inherit Traditional Culture

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Abstract. In the face of the impact and influence of foreign culture, the expansion of traditional culture is threatened. Therefore, we must strengthen the protection and inheritance of traditional culture. Based on this, this paper first analyses the background of traditional culture inheritance, then studies the role of computer technology in traditional culture inheritance, and finally gives the strategy of using computer technology to inherit traditional culture.

Keywords: Computer, Traditional Culture, Inherit

1. Introduction

With the iterative progress and maturity of computer tech, it has been significantly applied and popularized in many fields, especially in the field of cultural inheritance, which greatly promotes the inheritance and expansion of traditional culture. On the other hand, with the iterative progress and growth of social economy, especially the frequent and close economic and cultural exchanges with other countries in the world, the inheritance and expansion of Chinese traditional culture has been greatly impacted and affected [1]. The continuous maturity of information tech has greatly improved people's ability and efficiency to access relevant information, but it has also led to a sharp decline in people's attention to national culture, spirit and moral cultivation. If this situation is not improved, it will have a serious adverse impact on national cultural security, and will further cause the lack of national self-confidence and national pride.

As an ancient civilization with more than 5000 years of cultural history, Chinese traditional culture has a long history, broad and profound, not only contains unlimited spiritual wealth, but also contains rich value. Traditional culture is a very valuable wealth for the nation and individual, so it must be inherited and carried forward. In the face of the impact and influence of foreign culture, especially the cultural invasion of Western capitalist countries, the traditional culture of the Chinese nation has been greatly threatened, so we must strengthen the protection and inheritance of traditional culture. The progress of computer tech has brought new opportunities for the inheritance of traditional culture. The penetration of computer in all walks of life makes it organically combined with excellent traditional culture, which provides an organic carrier and platform for the inheritance of traditional culture.

In addition, modern tech represented by computer vision has become an important means to solve the problem of traditional cultural inheritance. The integration of computer image processing and video processing tech can reduce the cost of cultural inheritance and improve the efficiency of
inheritance. Through computer tech to show the details of traditional culture, the use of replay tech to achieve repeated learning of traditional culture, so that more young people can easily access to traditional skills, so as to realize the inheritance of traditional culture [2]. Through the combination of online and offline learning, online learning can reduce the time and cost for the public to learn traditional skills, offline learning can improve the interest and efficiency of the public in learning traditional culture, and realize the efficient inheritance of traditional culture through reasonable cooperation and division of labor.

In a word, with the expansion of computer tech and the deepening of its application, it has played an increasingly important role and value in spreading and carrying forward the excellent traditional Chinese culture and serving the public [3]. The diversification of computer tech realizes the wide spread of traditional culture in several aspects as shown in Figure 1 below, improves the effect and efficiency of cultural transmission and inheritance, and promotes the innovation of cultural inheritance. Therefore, it has important practical value to study the strategy and path of using computer tech to inherit traditional culture.

![Figure 1. Diversification of computer tech to realize traditional culture](image)

2. Analysis of the inheritance background of traditional culture

2.1. The political and economic background of traditional culture inheritance
At the national political level, with the deepening of the recognition of the importance and value of traditional culture, the country returns to inherit and carry forward the excellent traditional culture to enrich people's spiritual life [4]. Secondly, in the economic level, with the expansion of economy, people's spiritual and cultural needs gradually increase after meeting the basic material needs. In this context, traditional culture fields such as traditional Chinese medicine and traditional Chinese medicine have attracted more and more attention, which has laid a prerequisite for promoting the expansion of traditional culture of computer network.

2.2. The function and value of traditional culture
Traditional culture not only contains Chinese social ideology and culture, but also restricts the main behavior of market economy. Among them, at the level of bearing social ideology and culture, traditional culture condenses social economic interests, political power, etc., and plays an important role and value in the level of integrating elements [5]. Secondly, at the constraint level of the market economy subject, with the iterative maturity of the market economy, its behavior still needs to be further constrained and standardized, and the role and advantages of traditional culture can use its normative role to constrain the market behavior, so as to better regulate the behavior of the economic subject and promote the better expansion of the market economy.

2.3. The current situation of traditional culture inheritance
Traditional culture is a kind of culture that needs group identity. However, with the cultural invasion of western countries, especially its implicit cultural infiltration, it has brought significant impact on the cultural identity of individual people [6]. In this context, the ethnic group identity of traditional culture is also affected by the adverse effect, which urgently needs further reform. Lack of national identity of traditional culture, its inheritance and dissemination of the mass base will be further lost, which makes the wisdom of the Chinese nation gathered to carry forward the essence of traditional culture by adverse impact and impact.

3. The role of computer tech in the inheritance of traditional culture

3.1. Computer tech promotes the spread of traditional culture
As the representation of life style, culture with the deepening of the popularity of computer network, the transmission mode of traditional culture is also gradually changing. With the help of computer network, people can more intuitively and conveniently understand the traditional culture, so as to better carry out cultural exchanges and resource sharing, so as to better promote the in-depth dissemination of traditional culture. The rise of the internet and other information media has brought a huge impact on newspapers, television and other traditional media [7]. Under the background of computer network, various sub industries of traditional culture encourage this transformation problem. Secondly, with the help of the network, the channels for the public to understand cultural knowledge are becoming more and more diversified, which provides better support for the popularization of traditional cultural information and cultivates better cultural habits of users.

3.2. The integration of computer network and traditional culture
With the help of computer big data analysis tech, and based on the analysis of the age of the public and their cultural knowledge and other comprehensive data, to recommend the traditional cultural content of interest to the public. Secondly, recommend the scene games with the characteristics of traditional culture to young people, so as to promote them to contact more traditional cultural knowledge in the process of entertainment. In addition, with the help of computer e-commerce platform to spread traditional cultural products, develop tools covering life, and provide users with high-quality traditional cultural products and services [8]. Close to the needs of users, develop products based on the lifestyle of the public, make the products more fit the needs of users in the functional experience and content form, strengthen the operation ability, and maximize the satisfaction of users.

3.3. Open up the online and offline channels of traditional culture communication
First of all, with the help of online new media channels to carry out the dissemination of traditional culture, offline with the help of various traditional cultures experience centers, to provide users with an ecosystem of cognition, learning and analysis of traditional culture. Through online education mode to reduce the cognitive threshold of traditional culture, such as micro class, open class and other online education mode to reduce the learning and cognitive threshold of traditional culture, so as to facilitate the public to use fragmented practice to carry out traditional culture learning. In addition, with the help of computer resources to enhance the interest of traditional culture, to attract young groups, and with the help of Internet carriers and platforms, the content and communication carriers of traditional culture will be more diversified and better meet the needs of young groups.

3.4. Computer network has brought the traditional culture dissemination the wind outlet
In the context of vigorously promoting the popularization of computer network, the general public, especially Internet users, have greatly improved their cognition of traditional culture. With the help of the Internet efficient way of information dissemination, as well as the wide spread of traditional culture, traditional culture inheritance has brought the industry's tuyere [9]. Secondly, with the help of computer big data and AI, the traditional culture communication process is carried out efficiently. In addition, with the help of the Internet, the traditional culture industry and enterprises have made great
efforts to speed up the international layout of traditional culture [10]. As the spiritual wealth of China and even the world, Chinese traditional culture also needs to accelerate the process of globalization with the help of the Internet. Therefore, traditional culture enterprises should also conform to the trend of cultural globalization and strengthen the global understanding and recognition of Chinese traditional culture.

4. The strategy of using computer tech to inherit traditional culture

4.1. Using computer science and tech to interpret the connotation of traditional culture
Using computer to develop related software system and build traditional culture display platform. Use the computer tech as shown in Figure 2 to show the connotation of traditional culture vividly and vividly to the public. The use of computer analysis methods such as split, combination, simulation, simulation and so on, and in the form of interactive animation presented to the public, so that learners feel vivid and intuitive traditional culture, as well as interesting. Secondly, the use of audio tech to create a suitable environment for the inheritance of traditional culture, improve the understanding of traditional culture, and deal with or create cultural works with lofty artistic conception and elegant style, so as to create a harmonious and good cultural inheritance environment and further improve the effect of the inheritance of traditional culture.

4.2. Using computer science and tech to promote the spread of traditional culture
First of all, by using computer vision tech to learn traditional skills, improve learning efficiency, and realize the popularization of traditional culture inheritance. Using AR tech to promote cultural tourism, hand in hand with cultural scenic spots, promote the expansion of traditional culture. Secondly, it should use deep learning tech to enrich cultural forms, encourage secondary creation, and enhance the innovation and personalization of traditional culture. In addition, the use of big data tech insight into user needs, to achieve accurate promotion, to ensure the accuracy of traditional culture. AI tech is used to realize the accurate promotion of traditional culture and ensure the high quality and efficiency of traditional culture promotion.

4.3. Traditional culture inheritance strategy based on computer tech
First of all, it should create a diversified and active publicity environment, broaden the channels of traditional culture inheritance, innovate the expansion mode of traditional culture, and support the inheritance of traditional culture with policies and regulations. Secondly, it should strengthen the discourse power of the elite and let the intellectuals guide the whole society to inherit the traditional culture. Enterprises actively participate in the excellent cultural heritage and update the modern communication channels of cultural heritage. It promotes the effective combination of today's computer tech and traditional culture, creates a learning and exchange platform full of fun and vitality, becomes an effective tool for traditional culture to spread learning by using modern tech, and also makes Chinese traditional culture better carry forward through the carrier of computer tech.

5. Conclusion
In summary, the penetration of computer in all walks of life makes it an organic combination with excellent traditional culture, which provides an organic carrier and platform for the inheritance of
traditional culture. This paper studies the political and economic background of traditional culture inheritance by analyzing the background of traditional culture inheritance. Through the research on the role of computer tech in the inheritance of traditional culture, this paper analyzes the integration of computer network and traditional culture, and the communication process of traditional culture promoted by computer tech. Through the analysis of the strategy of using computer tech to inherit traditional culture, this paper studies the path and strategy of using computer science and tech to promote the inheritance of traditional culture.

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