The Application of New Media Technology in Computer Teaching

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Abstract. With the development and popularization of computer and the acceleration of network era, electronic information technology has made great progress, which greatly improves the status and value of electronic information technology in the media industry. The impact of the development of computer technology on new Internet media is obvious. This paper systematically expounds the computer technology under the current situation of new media, and expounds the development of computer technology and new media.

Introduction

In the 21st century, the scope of Internet information technology is more and more extensive. Computer technology began to enter thousands of homes. Whether in the daily life of the family, or in the busy work of the company, computer technology to achieve the rapid transmission of data information, and also presents a new trend of development. In particular, the emergence of handheld computer network terminals, such as mobile phones and iPad tablet computers, has completely changed people's way of life and learning. With convenient electronic devices, people can easily access the global news information anytime and anywhere. Can stay at home shopping, reading, ordering food, computer technology makes people accept information channels become larger and more diverse and complex, also make the majority of traditional workers are facing the development situation of "challenges and opportunities coexist". The traditional media situation has been difficult to meet the needs of The Times, and "everyone is news" of the new media era, has arrived.

Computer science is a compulsory course in colleges and universities. With the development of The Times and the constant update of network technology, the traditional teaching mode has serious contradiction with the modern network teaching theory. However, new media teaching is to add new contents on the basis of traditional teaching, so that its computer teaching can make use of the advantages of the Internet to expand students' horizons and enrich their imagination. Make its students more skilled in the operation and application of computer network technology, thus vigorously promoting the development of diversified new media.

Definition of New Media

As the name implies, the term "media" mainly refers to all kinds of media we come into contact with in our daily life, including radio, television, news, examination, magazines and so on.

When we understand new media, we should first understand the concept of new media. People are social animals. As long as they are in the society, they must communicate with others and better reflect their perception of the world in actual communication. In communication, information dissemination is gradually generated from such communication and exchange. At present, the media is the main carrier of information transmission, and different media contain different concepts. However, the emergence of new media has broken the function brought by traditional media. At

present, the definition of new media is still vague. The basic definition is the mode of communication excluding traditional media, which can be called new media.

New media is a direction of future media development and a qualitative change of traditional media. Traditional media refers to the process of directional information broadcast by means of TV and newspaper. New media is to use computer digitization technology to process the original information on top of the traditional media, and finally input it into the advanced equipment of people in a different and most convenient way. In this way, people with different lifestyles can see the information they want to understand at different times and places. People's Daily needs can be met on new media, which has become a professional information communication channel. The application of some advanced technologies in new media is also very obvious, making the communication technology of new media more advanced. New media can save people's time and let people use the fragmented time to learn.

Features of New Media

There are some differences between new media and traditional media, which are mainly reflected in the following aspects:

First of all, since new media has no specific center, information dissemination is more and more direct, because the network's separate sharing makes each network user have a relatively equal identity and can quickly perceive the information released in the network. Information establishes a free and equal environment for the public in the process of communication. Such a setting enables everyone to express their own views and express their own opinions, which is highly interactive and can ensure that both the transmitter and the receiver can achieve a balance in terms of specific functional performance. Therefore, new media can satisfy People's Daily needs, and further expand them to form professional information communication media.

Secondly, the application of advanced technology in new media is also very obvious. In daily life, people will also be involved in terms of optical fiber, satellite, cable, etc. These new products have also become an important auxiliary factor for the current social development. The current network download speed and transmission speed has been improved several times than before, and the network functions have also been greatly improved.

Third, the new media technology using digital information dissemination obviously has many advantages over the traditional media technology, which are not available in other media technologies. The convenient and quick information dissemination is reflected in many fields. With the continuous innovation of Internet technology, most of people's time is saved, which enables people to better conduct shopping and do things they usually like but do not have time to complete.

Finally, compared with the real world, the virtual world of the network can better protect people's privacy, whether the real name is in the hands of users, but this will also cause management confusion. In the era of new media, information is more open and transparent. Because the Internet is not real-name, many information is more real when it is transmitted. In the new media era, due to the rapid development of the Internet, the public has greater dependence on new media, but this dependence on information will also lead to management chaos. All parties should concentrate their efforts to build an information platform in the new media era.

The Application and Development of Computer Technology in New Media

Transformation of Information Transmission Mode. In the era of traditional media, people acquire information mainly through newspapers and books. Although there are some other information platforms, newspapers are dominant in the process of information dissemination. Even in the era of new media, newspapers are the main means of media communication and have a great influence on the dissemination of information. With the continuous development of Internet technology, people have more and more access to information. In the current information age, people prefer to obtain data information in a relatively comfortable environment, and it is the most important to find information in line with their interests on the information platform. Only by

finding information according to one's own interest can one stimulate people's dependence on the Internet platform. With the improving of the trust people use the network technology, new media technology at very fast speed to capture the market, and new media technology has also become a very good way to promote and propaganda means, for a long time, people have become accustomed to passively accept information, and with the emergence of post-modernism, people have gradually changed this state of passively receiving information, change from passive to active, realize the two-way transmission of information.

Wide Application of Mobile Intelligent Devices. At present, the application of computer technology has been greatly expand and improve, especially the application of mobile intelligent device, is developing rapidly, with the further perfect of electronic communications technology, 3 g, 4 g and WIFI technology launched, greatly promoted the development of mobile intelligent devices, young and old, smart phone almost became the standard. Calling and texting are no longer the only functions of the phone. At the same time, the research and development of various mobile phone apps has brought great convenience to people. The development of WeChat, mobile QQ, mobile weibo and other information communication platform software has made the communication between people more smooth and the acquisition of all kinds of information more timely, and has become the main means of information acquisition and transmission.

Digital TV. Digital TV is a kind of digital TV in the new media era. Under the influence of traditional cable TV and set-top box TV, the popularity of domestic digital TV is getting wider and wider. According to the current popularity of digital television, digital television in the form of HDTV, ultra - clear television and other forms of widening. In particular, with the strong support of the state administration of radio, film and television, the coverage area has reached 37 cities, with 90% of the TV audience. Let people understand the global information more timely and thoroughly. With the help of network resources and computer technology, the growth pace of new media technology represented by digital television is improved.

Mobile Multimedia. Mobile multimedia technology refers to the mobile multimedia information set by China for smart phones, laptops and tablets with independent intellectual property rights through computer technology. Mobile multimedia technology includes 4G mobile service, wireless satellite launching technology and so on. More extensive in the setting of business objects. Supported by a variety of mobile multimedia technologies, computer technology can help users of new media not be subject to electronic devices, and both mobile and non-mobile information receiving terminals can meet users' needs. In general, mobile multimedia technology has many advantages. It can make use of Wi-Fi, mobile data flow, etc., to make network resources spread efficiently with the help of satellite digital signals, and the image information obtained by users is more comprehensive, fidelity and clear.

Network TV. Network TV and cable TV are different in either broadcast resources or channel forms. Under the influence of computer technology, a number of network resources have been unified. For example, IPTV is a very representative network interactive TV. Through the integration of network resource technology, it provides a variety of service forms for the public family users, electronic information technology and other aspects, and realizes interactive information exchange. Through convenient network multimedia service, network TV users can switch freely in video, news, games, chat, shopping and other modes at the same time, realizing the interactive connection between users and multimedia information, and improving the technical support and service level of network TV work.

Development of Different Manufacturing Technologies.

In the era of new media, the application of computer technology is very extensive in various fields, with great achievements in the development of industry and music. Taking the music field as an example, the application of computer technology makes music become the mainstream of music development in the new media era. People can search and download music through computers, and the experience of new music can make users use music more convenient.

Summary

   The society is in constant change and development, and the application of computer technology in new media will also change with the change of the society. That is to say, computer technology is always changing people's life and changing people's lifestyle. This paper mainly introduces the concept and characteristics of new media, and systematically analyzes the application and development prospect of current computer technology in new media. With modern computer technology, transmission speed and other characteristics, occupies the center of the current social development in various fields, in the center position also spawned many new technology and equipment, like mobile intelligent device, the device will be the comprehensive integration of information content, the user can via smartphones find the information they want to know the data. In addition, the application of computer technology in the music field also well reflects the diversified characteristics of this technology and improves the music experience of users. Although the application of computer technology in the current new media is very broad, but still there are some problems in development, because the emergence of a new things, often bring benefits and advantages in at the same time, it will appear a series of new problems, so the analysis and research of computer technology to the research continuously, continuous innovation technology, better promote the application of computer technology in the new media, the application efficiency.

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