

How to Cope with the Influence of Artificial Intelligence in the Education Industry

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Abstract: At present, the rapid development of artificial intelligence has deeply impacted the education industry. How will education develop in the future? Taking this as a starting point, this paper analyzes the nature of education and the relationship between education and people to understand the key factors in education, and discusses how the education industry should cope with the impact of the development of artificial intelligence from four aspects, namely, strengthening educational innovation, strengthening teacher training and professional development, attaching importance to perceptual education and humanistic care, and strengthening ethical education. Only in this way, in the face of the current impact of artificial intelligence, can the education industry conform to the trend of social and historical development, realize the free and comprehensive development of people, and promote the prosperity and development of the country.

Keywords: Artificial intelligence; Education

In today's era, the pace of development of artificial intelligence is getting faster and faster, and its impact has penetrated into all levels of human society, including the field of education. At the age of Intelligence, how to cope with this situation in education is an important thing. The subject of education is man. Meanwhile, the object of education is also the man. Thus, the essence of education is how to educate the man. The report of the 20th National Congress of the Communist Party of China put forward that we must adhere to the principle that people should be always put in the first place, and adhere to the people-centered development thought. In the report, it demands an education that people are satisfied with. The people-oriented principle is based on a correct understanding of people and the relationship between people and the world, which requires grasping the fundamental issues of national development, grasping the fundamental issues of education, conforming to the tendency of social and historical development, and promoting the prosperity and development of the country. Finally, we will realize the centenary goal, promoting the building of a community with a shared future for mankind, and realize the common prosperity and all-round development of human beings.

In face with the great challenges and opportunities brought by artificial intelligence, in the education industry, what we can do to achieve sustainable development is worth considering. This will be discussed in this article from the following four perspectives:

1. To strengthen innovation in education

At the age of intelligence, we must firmly hold fast to the concept of people-oriented education. To run education that the people are satisfied with, we must strengthen innovative education and strengthen the cultivation of people's innovation ability. The creative achievement of artificial intelligence will greatly liberate manpower and make work in many fields intelligent. Nevertheless, this does not mean that humans no longer need to think or innovate. It is well known that social development requires a sustained and stronger capacity for innovation. No matter how powerful artificial intelligence is, it cannot replace human thinking. No matter how technology develops, human's ability to innovate will always be the core ability needed for personal development and social development. Artificial intelligence will gradually replace many people's jobs and realize the digitalization and intelligence of work. However, this does not mean that people will be replaced as idle, abandoned, and marginalized. On the contrary, technology replaces human labor and liberates hands, which gives more people the opportunity and time to engage in creative activities and engage in personalized activities. Therefore, human practice will only become more diversified and humanized.

In the education industry, educators should attach importance to cultivating students' innovative thinking and students' creativity.

In the face of the rapid development of high technology, educators should be good guides for students, guiding students to think about how to achieve self-development with the development of the times, how to ride the tide of scientific and technological development, improve their creative ability and innovation ability, and gradually achieve free and comprehensive development.

2. To strengthen the training and professional development of teachers

At the age of artificial intelligence, the role of educators is also changing. Teachers need to have more technical and innovative capabilities, and be able to flexibly use artificial intelligence technology to provide personalized education services. Therefore, the education industry should attach importance to the professional development and skill upgrading of teachers, and train teachers' technical ability, innovative thinking, and interdisciplinary knowledge to better adapt to the educational needs of the era of artificial intelligence, so that they can become experts and leaders in the field of education.

3. To strengthen perceptual education

At the age of intelligence, we should attach great importance to perceptual education. Human beings are not only rational but also emotional. Man is a rich and multilayered unity. The emotional connection between people and the feelings between people is the key factor that connects people and makes people human. Perceptual ability is an important ability of human beings. Perceptual connection is an important link between people and an important factor in maintaining social development. Artificial intelligence does not have human sensibility and feelings. It cannot possess human emotions and achieve true communication. Therefore, the more developed artificial intelligence is, the more education must focus on essential, and primitive things. We should not make the era of convenient science and technology cold due to the lack of warmth between people, nor should we make science and technology become a tool for a few to rule the majority.

In the great union of communist society, the development of each is a condition for the free development of the others. Emotion is one of the most important factors in this great union. Therefore, in the face of the challenge of the development of the artificial intelligence, in the education industry, we must adhere to the direction of people-oriented education, instead of just focusing on the cultivation of rational ability. Perceptual education should be strengthened to make education full of humanistic care.

4. To strengthen ethical education

In the era of intelligence, to firmly adhere to the concept of people-oriented education and do a good job of education that people are satisfied with, it requires strengthening ethical education. Ethical education is related to the moral judgment of right and wrong, which is an important part of human growth.

One of the reasons why artificial intelligence has caused some educators to panic is that it presents more convenient and less identifiable opportunities for academic fraud, including writing, translation, essay writing, programming, and so on. On the surface, artificial intelligence makes various mental tasks so easy. On the one hand, everything is handed to the easy profit of artificial intelligence. On the other hand, all achievement depends on years of hard work. Which path will the student choose to complete his or her homework and study? Under this circumstance, what plays an important role is the student's ethics, his or her views of right and wrong.

In the education industry, teachers need to be able to identify the phenomenon of cheating in the era of intelligent age, and promptly detect academic cheating and stop it. Education departments and schools need to establish a sound scientific research ethics governance system to better prevent academic cheating. Nevertheless, it is the students' ethics that will hold them together when it comes to the temptations of technology. It is also the key for students to keep the principle of being a man and ensure their healthy development. Only by strengthening ethical education and enhancing the power of faith in students' hearts, can we achieve human development while advancing by leaps and bounds in science and technology, instead of making people become puppets bound by science and technology, alienated by science and technology, and gradually losing their abilities. As an old saying goes, "Those who are not virtuous cannot go far." In fact, the importance of ethical education has not been highlighted by the advent of artificial intelligence. In any era, at any time, ethical and moral education is the top priority of education. In the process of realizing the second centenary goal and building a great modern socialist country in an all-round way, justice and benefit, home and country, individual and others, individual and collective are still important contents of ethical education. Only by handling these relations well, can we stimulate and realize the essential power of man to the greatest extent. In that case, it lays a solid foundation for the realization of the comprehensive and free development of human beings, and the construction of a community of human destiny and the realization of communism.

To put righteousness first, the country first, and the collective first has always been advocated in society. Such ethical and moral concepts can inspire people to pursue upward force and promote the establishment of lofty ideals. Throughout history, people who have made outstanding contributions to the development of human society all have lofty ideals and a keen desire to contribute to

human development and promote social progress. Therefore, in the era of continuous upgrading and change of artificial intelligence, we must strengthen ethics education, strengthen ideal and belief education, so that students can feel the power of ideals and beliefs. Educators should guide students to establish firm ideals and beliefs, to enhance the sense of mission and responsibility, and to study hard and improve their own ability. We should guide students to take full advantage of the power of technology to strengthen themselves and develop themselves in line with the trend of the times.

To sum up, the education industry is facing great challenges and opportunities brought by artificial intelligence. The education industry should actively respond to the challenges, adopt corresponding strategies to strengthen educational innovation, enhance the training and professional development of teachers, pay more attention to the perceptual education of students in the process of education, and highlight the humanistic care of education. At the same time, the education industry should also strengthen ethical education and strengthen students' faith. Only in this way, in the face of the current impact of artificial intelligence, can the education industry conform to the trend of social and historical development, realize the free and comprehensive development of people, and promote the prosperity and development of the country.

References:

- [1] ELLUL J. The Technological System[M]. NewYork: The Continuum Publishing Corporation, 1980: 95.
- [2] Hansen,D.J.,Giacoletti, A.M., Nangle,D.W. Social interactions and adjustment. In V. B . Van Hasselt&Hersen M. Handbook of adolescent psychopathology: A guide to diagnosis and treatment[M]. New York: MacMillan,1995.
- [3] Preparing for the Future of Artificial Intelligence. [EB/OL]. (2016-12-23)[2022-11-20]. <http://www.199it.com/archives/548826.html>
- [4] SCHERER M U. Regulating Artificial Intelligence Systems: Risks, Challenges, Competencies and Strategies[J]. Harvard Journal of Law & Technology, 2016(2):353.

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