

Under the Background of Artificial Intelligence, How to Serve for Employment in Higher Vocational Colleges

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Abstract

With the development of artificial intelligence, its fields are expanding. Artificial intelligence brings not only new opportunities but also new challenges to the employment of the society. Vocational colleges play an important role in serving the employment of students. This paper analyzes the impact of the development of artificial intelligence on the employment market, as well as the impact of the development of artificial intelligence on higher vocational colleges, and finally puts forward the Countermeasures of higher vocational colleges, hoping to provide a better reference for the employment service of higher vocational colleges.

Keywords

artificial intelligence; Higher Vocational College; employment service.

1. Introduction

Artificial intelligence is rapidly integrating into our educational and living fields. The development of Internet + education challenges the employment of students in higher vocational colleges. With the rapid development of artificial intelligence, how should employment oriented Higher Vocational Colleges transform themselves and achieve better employment?

2. The Impact of Artificial Intelligence on the Employment Market

Artificial intelligence (AI for short) is mainly based on the simulation of human consciousness, thinking and other information processes by new technologies such as supercomputing, big data, Internet, etc., to realize the technology similar to human intelligent response, so as to complete the work that only human intelligence can win. The application of artificial intelligence has an important impact on people's social life, with both opportunities and challenges, as well as in the field of employment. So we should take a correct view of the impact of AI on employment.

1. Artificial intelligence provides opportunities for the employment market

Some experts believe that artificial intelligence will have an epoch-making impact on employment structure, employment form, employment quality and employment system. First of all, in terms of employment structure, in the field of manufacturing, there are still "recruitment difficulties" in China at this stage, the imbalance between supply and demand in the labor market, some high-risk occupations, as well as occupations with high labor intensity, and frequent labor shortage. The emergence of artificial intelligence has successfully alleviated the current situation of labor shortage in some fields, such as machinery manufacturing, service industry and other fields, the emergence of a large number of intelligent equipment to solve this problem for enterprises. The employment structure has changed. In addition, the development of artificial intelligence also provides a lot of new jobs and new employment

opportunities for the market. For example, the emergence of a large number of new technical posts, such as computer network engineer, electrical automation, intelligent engineer, promotes people's employment. Finally, the application of artificial intelligence makes people's working time reduce, income increase, more leisure time shopping, tourism, entertainment, etc., thus promoting the development of related service industries, such as many cities relying on tourism development develop rapidly.

2. Challenges of artificial intelligence to the employment market

We need to recognize the challenges that artificial intelligence brings to our life while recognizing the convenience it brings to us, so as to be more fully prepared to meet the challenges. First of all, artificial intelligence makes the employment situation more serious, and some manual labor and high-risk industries will accelerate the "machine replacement". For example, there is a shortage of labor force in high-risk industries such as coal mines, metal and nonmetal mines, hazardous chemicals, fireworks and firecrackers, "machine replacement" is the general trend. At the same time, more and more jobs in the service industry are replaced by artificial intelligence. For example, the robot will replace the waiter in the catering industry, which has already appeared in a restaurant in Beijing; the development of the automatic cashier system will replace the cashier's work. The common paper money in our life is gradually fading out of our life, and the previous work of paper money cashier is gradually disappearing. According to the analysis and research, there will be many professions in China that will gradually disappear with the development of artificial intelligence, such as: telephone operator, bank teller, receptionist, translator, etc. The disappearance of these occupations makes a large number of people lose their jobs, which makes the employment situation more serious. Especially, the people with low education background and lack of other skills will also cause social panic and other consequences.

3. Challenges of Artificial Intelligence to Higher Vocational Education

(I) artificial intelligence will have a great impact on the specialty setting of Higher Vocational Colleges

According to the prediction of UNESCO, by 2020, artificial intelligence will replace 2 billion jobs, and these jobs are basically the jobs that vocational education colleges are engaged in. The skills with low technical content and strong repeatability cultivated by the original higher vocational education mode will be digitized, intellectualized and eventually replaced by industrial robots. At the same time, the society and enterprises will have higher requirements for the quality of talent training in higher vocational colleges. The original talent training mode and various disciplines and professional settings in higher vocational colleges will be difficult to meet the needs of future industrial development. Therefore, higher vocational colleges must re analyze the market demand and change their own professional settings to meet the challenges brought by artificial intelligence.

(II) artificial intelligence will have a great impact on the teaching mode of Higher Vocational Colleges

At the same time, artificial intelligence threatens the employment of higher vocational college students, but also challenges the teaching mode of Higher Vocational College. At present, the teaching mode of higher vocational colleges is to study while practicing, pay attention to skills and ignore the individual development of students, and ignore the independent learning ability of students, etc. However, education in the context of artificial intelligence will pay more attention to the personalized learning of vocational college students, reflecting the higher value of vocational education, such as students' creativity, curiosity, multi-disciplinary thinking ability, creativity, critical thinking and problem-solving ability.

(III) artificial intelligence will have an impact on the improvement of experimental training equipment in Higher Vocational Colleges

Under the background of artificial intelligence, strengthening the construction of experimental training room is different from that of traditional industry. Under the traditional industrial form, strengthening the construction of experimental training room focuses on the training of students' operating skills, so that students have good operating skills as soon as they leave the school and save working time. With the continuous development of artificial intelligence, many practical training equipment are constantly updated, but in order to save costs, many vocational colleges do not update the equipment in time, still use traditional equipment, resulting in students' learning content is not updated, thus affecting students' growth and employment. Therefore, under the background of artificial intelligence, we should constantly strengthen the construction of experimental training room.

(IV) artificial intelligence will put forward new requirements for employment service guidance in Higher Vocational Colleges

Under the background of artificial intelligence, the limitations of employment guidance service in higher vocational colleges are increasingly prominent. For example, the updating of teaching materials of employment guidance course is slow, and the content is only limited to the general employment situation, employment policy and brief introduction of application skills. The course is out of line with the actual situation, which cannot meet the current situation of the employment market and the needs of students. Many higher vocational colleges have set up employment guidance centers to provide guidance for students' employment services, but most of the time, they are only in the form and do not play a real role. The development of artificial intelligence puts forward new requirements for the employment service guidance work of higher vocational colleges, such as the employment guidance course, the school employment service guidance center and so on.

4. Under the Background of Artificial Intelligence, What should Vocational Colleges do?

(I) actively carry out professional adjustment

Higher vocational colleges are charged with the task of training high-quality technical and technical talents to meet the needs of technological progress, production mode change and social public service. Among them, specialty setting is the basic work of talent training in higher vocational colleges, which is related to the goal and specification of talent training, the quality and efficiency of education, as well as the coordination and adaptation of higher vocational education and economic and social development. At present, the curriculum of higher vocational colleges is set by each college itself. Therefore, higher vocational colleges should speed up the establishment and development of relevant AI majors according to the needs of future industrial development, make a good talent reserve in advance to adapt to the development of AI, make talent training match with industrial development, and avoid structural risks. For example, in the future, artificial intelligence will mainly focus on intelligent manufacturing and industrial robots. Therefore, higher vocational colleges need to adjust the mechanical courses and increase the control and electrical courses. At the same time, we should also be market-oriented and adjust the setting of majors. We should always adhere to the guidance of employment, based on comprehensive quality and based on ability. We should try to help students form a healthy working attitude, good professional ethics and correct values, put the improvement of students' professional ability in the first place, strengthen the cultivation of students' practical skills, and strive to create a society Urgently needed high-quality compound talents.

(II) teaching reform to form the characteristics of Vocational Employment Service

Compared with the general education, higher vocational colleges focus on the particularity of their own education, and education is more focused on educational practice and application. Therefore, higher vocational colleges should constantly carry out the reform of teaching practice, enhance the practicality of students, encourage students to take the form of half work and half study, on-the-job practice, encourage students to practice in enterprises, understand the requirements of enterprise employment, understand the market demand, at the same time, explore the potential of students, constantly improve students' independent learning ability, help students understand themselves, and play their strengths To prepare for employment in the future. In addition, in addition to understanding the market demand, higher vocational colleges should play their own advantages and form their own employment characteristics. Encourage students to participate in all kinds of professional skill competitions, follow the development needs of artificial intelligence, hold relevant competitions, so that students can acquire knowledge and skills in the competitions, and constantly improve their quality.

(III) improve the infrastructure construction of Higher Vocational Colleges

Higher vocational colleges often adopt the way of practice + teaching to teach and study. Many higher vocational colleges will be equipped with corresponding basic teaching equipment. For example, many higher vocational colleges have automobile building, mechanical automation building, mechanical and electrical building, etc., which will be equipped with corresponding equipment for students to use and study. However, due to the continuous acceleration of technology innovation, many teaching equipment has been developed with advanced cities The field is out of touch. Therefore, higher vocational colleges should constantly update equipment to let students understand the latest technology and keep up with the development of artificial intelligence.

(IV) continue to do a good job in employment guidance and service

Employment guidance is an important link to help vocational college students succeed in employment. First of all, it is a link that vocational colleges need to strengthen continuously to have a good career guidance course and promote the employment guidance course to keep pace with the times. In addition to the introduction of the nature and characteristics of various occupations, the requirements for the quality and treatment of employees and other aspects, vocational career planning related courses should also let students know that they are not qualified To the development trend, the classification and function of various qualification certificates, know that to obtain these certificates should have various knowledge, technology and ability, that is, professional qualification standards, so as to lay the foundation for students to combine their professional strength to carry out career design. In addition, vocational colleges should continue to play their own role in setting up student employment service guidance centers, such as holding lectures on "how to do a good job in obtaining employment" and "how to choose a career" to help students understand themselves and know themselves. Employment knowledge can also be publiced by pushing public numbers. Give full play to the function of bridge, communicate with employment units and schools, understand the market, communicate with schools, recommend graduates for employers, and help students get employment.

5. Summary

Artificial intelligence is a new technology. The development of this technology not only brings convenience to people's life, but also has an impact on all aspects of talent training in higher vocational colleges, as well as on the employment of students. Higher vocational colleges should fully understand the opportunities and challenges brought by the development of artificial intelligence to the employment of students, and constantly innovate their own ideas, change

their shortcomings, and serve for the employment promotion of students in higher vocational colleges.

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