Research on Innovative Talent Cultivation Mode of “Internet + Education”

Yue Gao\textsuperscript{a} and Shuying Zhang\textsuperscript{*,b}

College of Computer Science and Technology, Beihua University, Jilin, Jilin, 132021, China

\textsuperscript{*}Corresponding author: Shuying Zhang
\textsuperscript{a}lunagao@126.com, \textsuperscript{b}jlzhangsy@126.com

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\textbf{Abstract:} With the "Internet +" as a national strategy. "Internet + Education" became the pioneer and new sharp of education reform and development. It has a profound impact on education resources, education mechanism, learning mode, teaching mode, etc., and that brings about a change in the idea of education. The cultivation of innovative talents is not only the core of China's strategy for China's talented people, but also the driving force for enhancing China's international competitiveness. This paper explores the model of innovative talent cultivation under the background of "Internet + education", and from theoretical teaching, practical teaching and evaluation system, this model is discussed in detail. This model can promote the development of students' personality and provide a theoretical basis for the cultivation of innovative talents.

1 Introduction

As premier Keqiang Li first proposed the "Internet +" action plan in the 2015 government work report, "Internet +" quickly became the hot word in the industry\cite{1}. The "Internet +" as a national strategy will definitely become an important driving force for China's economic and social innovation and development in the future. In this strategic context, education will also be greatly affected \cite{2}. "Internet + education" is supported by Internet platform and network information technology, which makes the traditional teaching mode change. It has a great influence on both teaching and teaching philosophy. More importantly, it can greatly promote the development of students' personality, which undoubtedly provides the conditions for the cultivation of innovative talent\cite{3-4}.

In the second section of this paper, author introduces the meaning of "Internet + Education". In the 3rd section, author introduces Influence of "Internet +" on Education Concept. In the fourth section, author introduces The Construction of Innovative Talent Training System Under the “Internet +” Education.. The last section is conclusion.

2 The Meaning of "Internet + Education"

"Internet + education" is an important part of the national strategy "Internet +". It is the vanguard and new sharp of education reform and development, which is a powerful engine for speeding up the modernization of education. "Internet + education" is not only the Internet, mobile Internet technology application in education, also is not only using Internet technology to establish all kinds of education, learning platform, but the depth of the Internet, mobile Internet and education. It is the strategic and global education transformation that promotes education progress, enhanced education innovation and productivity.

The traditional education model is basically a classroom, a teacher, a desk, a blackboard, "Internet + education" only requires a networked computer. Students can choose their favorite teachers and favorite courses on the Internet anytime and anywhere. This education mode realizes the separation of time and space between teachers and students, which enables education to be free from the constraints of location, and the learner is not divided into occupations and regions.
Teachers and students are not teaching and learning in the same place. Teaching contents, teaching methods and teaching objects are not restricted. "Internet + education" is the continuation and innovation of the traditional education model, which is the education mode which is combined with the traditional education mode. Teachers use the Internet to teach, students use the Internet to study, information flows on the Internet and knowledge forms a system on the Internet. "Internet + education" is a new service mode that refers to new technologies, such as cloud computing, learning, Internet of things, artificial intelligence, and cyber security, crossing the boundaries of school and class, and offer high-quality, flexible and personalized education for learners[5-6].

3 Influence of "Internet +" on Education Concept

With the development of the Internet era, various emerging information technologies are constantly being integrated into the classroom, such as moocs, microclasses, baidu lessons, whiteboards, IPad, flipped classrooms, learning Spaces, etc. This makes a big difference in people's idea of education. Education resources, teaching methods, teaching institutions and learning methods have also undergone great changes[7-8]. As shown in Table 1:

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Comparison of traditional teaching mode and Internet + education teaching mode</th>
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<tbody>
<tr>
<td></td>
<td>Traditional teaching mode</td>
</tr>
<tr>
<td>Education resources</td>
<td>enclosed</td>
</tr>
<tr>
<td>Educational organization</td>
<td>single</td>
</tr>
<tr>
<td>Teaching method</td>
<td>inactive mode</td>
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<tr>
<td>Learning methods</td>
<td>indoctrination method</td>
</tr>
</tbody>
</table>

Education resources are concentrated in the relatively closed physical space of campus, confined to classrooms, libraries, laboratories and other places to meet the needs of fixed groups in the traditional education. With the Internet, education resources can be covered in every corner of the world across campus, region, country, and the equal sharing of high-quality education resources is possible and extremely convenient.

The traditional education organization is based on a single school, education. The development of "Internet +", education resources are reconfigured and integrated. The education institution of society and the new education organization rely on flexibility and free sex to give the school education a strong impact. The education organization presents a trend of diversification.

The Internet has changed the traditional teacher-centered teaching model. Teachers no longer dominate the study of students, but become helpers and servers for students to learn. Teachers are no longer the only source of knowledge, and students' dependence on teacher instruction is significantly reduced. The teaching mode is transformed from the "full hall" of knowledge to the "flipped classroom" that pays more attention to interactive dialogue.

In the Internet environment, The students' learning style is arranged from traditional students to the classroom according to the school timetable, and it is transformed into something that has no time and no place. You can learn as long as you connect to the Internet, and you don't have to rely entirely on classes and books. The learner breaks through the limits of the campus and realizes the freedom of time and space.
4 The Construction of Innovative Talent Training System Under the “Internet +” Education

As "Internet plus+" becomes national strategy, the Internet has become more "omni-connected". The “Internet+ “education will no longer be limited to "online education", and it will bring more and more profound changes to the whole process of education, until we reshape an open, innovative education ecosystem.

4.1 "Internet +Teaching Content" - Moocs

Moocs promote the flow of teaching resources, which is conducive to the fairness of education. In the past, the gap between the world's leading universities and the general universities was out of reach. The education resources and faculty members possessed by top universities are not accessible and obtained by universities. With the creation of Moocs, the time limit and the geographical limit have been broken, and to provide learners with the teaching resources of world-class universities. Students can choose courses according to their own interests and needs. They can internalize knowledge through independent study, and complete their own knowledge construction in discussions with others and completion of homework. Moocs not only provide excellent online courses video and related problem testing, but also provide professional communication BBS. BBS brings together the people who want to learn and the relevant experts. This has facilitated learners' knowledge reserve and broadened their horizons. This not only helps students to develop innovative thinking, but also helps them develop their innovative ability. The general learning process of Moocs is shown in Fig.1.

Moocs promote the realization of the ultimate and personalized education. Online courses, as a free course resource, have no threshold and can be obtained by anyone. This accelerated the process of the final education, which provided the conditions for the creation of more possibilities. The freedom of individual choice also promotes the cultivation of individualized talents. This education way undoubtedly provides an infinite possibility for the cultivation of innovative talents.

4.2 "Internet +" Practical Teaching "-- Strengthen Cooperation Between Universities and Enterprises

College education and enterprise development are inseparable. Corporate recruitment information is a barometer of the market's demand for talent. Strengthening cooperation between universities and
enterprises. It can help the school to understand the needs of the market for talent cultivation, reasonably formulate corresponding talent training programs, and cultivate talents suitable for market demand.

Colleges and universities should strengthen mutual benefit and win-win cooperation with enterprises to jointly establish practice teaching bases or industrial parks so as to carry out practical teaching work for students. Arrange students to the enterprise practice, take part in the project development, students not only can apply knowledge in class to practice, more to be able to have a face-to-face understanding to the enterprise demand, strengthen their intuitive feeling, make the knowledge to really understand and master. In practice, students can gain more tacit knowledge through hands-on operation, which may achieve theoretical innovation and innovation. Because the theory comes from practice and realizes the reinvention of theory through practice, it is an infinite and repeated process.

4.3 "Internet + Teaching Evaluation" - Multi-Evaluation System

Evaluation is a process of value judgment, which is the judgment that the object satisfies the subject needs. The traditional teaching model is basically a classroom, a teacher, a table, a blackboard, therefore, teaching evaluation is basically the assessment method of attendance, test, homework, experiment and final exam. In the context of "Internet plus", the separation of time and space between teachers and students can make education free from the constraints of location. Teachers and students are not teaching and learning in the same place. Teaching contents, teaching methods and teaching objects are not restricted. The evaluation of "Internet + education evaluation" covers a wide range of content, not only to evaluate students, but also to evaluate teachers. The evaluation of teachers includes the evaluation of network teaching contents, evaluation of professional knowledge and evaluation of online teaching ability. For students, not only should they attach importance to the evaluation of professional knowledge skills, but also the evaluation of innovation ability, problem solving ability and communication and cooperation ability. "Internet + education" emphasizes the autonomy and collaborative nature of students' learning, so personal evaluation is especially prominent in education evaluation. Through building the appraisal model of personal, students can know yourself in different stages of learning situation, adjust learning strategies, at the same time to promote and deepen the learner's self reflection and self construction. The specific evaluation can be collected through discussion, answer questions, examination and other modules to collect the test, results, homework, works and other evaluation information. Then the information is classified and sorted, and the qualitative analysis is given to the students themselves, their classmates and teachers. Therefore, by establishing a multi-evaluation system, we can build more scientific and rational talent training mode and promote the cultivation of innovative talents.

5 Conclusion

The cultivation of innovative talents is the core of China's strategy for China's talent power and the driving force for our international competitiveness. The arrival of the "Internet +" era has brought forward higher requirements for the cultivation of innovative talents and provided the means and ideas for the cultivation of innovative talents. "Internet + education" will facilitate many learners, educators and even the campus. There have been major changes in education under the influence of "Internet plus". The separation of time and space between teachers and students can bring more learners together. The teaching contents, teaching methods, teaching objectives, teaching experience, teaching resources and teaching management have all changed greatly. But 'Internet plus education' is also a challenge for us. As a education worker, we still have a long way to go on this road. We should constantly enrich ourselves, study hard, and continuously build the education mode of "Internet +", and contribute to the integration and development of "Internet + education".
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