

Research on Employment Status and Development Tendency of Translation Direction for English Major in the Age of Artificial Intelligence

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Abstract: In the era of artificial intelligence, many fields are facing unprecedented opportunities and challenges, and artificial intelligence translation has gradually entered the public's field of vision. English major, as one of the foreign language majors of China students, under the impact of this background, has also brought great influence to the development of many students majoring in translation. In view of this situation, this paper combs the development and application of translation and language service technology in the era of artificial intelligence, and discusses the employment status of English major translation students in this era. In addition, based on the research and investigation, this paper summarizes some employment countermeasures and suggestions for English major translation students in the era of artificial intelligence, looking forward to the future of English major translation talents and artificial intelligence translation technology. Artificial intelligence translation technology has developed by leaps and bounds at an irreversible speed, and has played a role in many industries. In the new era, we should embrace change and improve our professional skills, showing greater advantages in more fields together with artificial intelligence.

Keywords: Artificial Intelligence; Translation Direction for English Major; Employment Status; Development Tendency

1. Introduction

With the constant improvement of artificial intelligence technology, the translation industry is confronting unprecedented opportunities as well as challenges, and the work status of English translation graduates is likewise impacted and tested. As one of the foreign language majors, English must keep up with the trend of the times and actively explore the development status and future trend of translation technology in the era of artificial intelligence to meet the needs of the new age. In light of the consistent development of innovation, translation innovation is continually advancing. From the early machine translation to the present neuro-machine translation, its innovation has accomplished an exhaustive improvement from lexical to syntactic and semantic levels. With the ascent of brain-machine translation, the mix of corpus and AI technology has prompted a significant improvement in translation, which has been progressively applied to pragmatic creation and life. Simultaneously, the digitalization, networking and intelligence of the translation industry are likewise expanding, which has turned into a focal point of consideration for foreign language students [1-3]. From the market demand circumstance, the improvement of artificial intelligence technology has made the automatic translation software in the field of translation increasingly famous, among which the translation software addressed by Google and Baidu has been generally utilized. This has undoubtedly caused a certain impact on the job market of English major translation direction students, and translation service companies have reduced costs and improved efficiency with the help of these automated translation softwares.

However, in some real-life scenarios, the quality of automated translation software is still unable to meet the needs of customers, especially in cultural translation and literary translation, so the customized services of human translators are still irreplaceable. The employment opportunities for translation students are also changing, and the focus of translation students who need to continuously work and improve is also changing, with a gradual increase in online job opportunities and new types of translation companies. Due to the development of artificial intelligence technology, remote work is increasingly becoming a reality, and the proportion of online opportunities for translation positions is

gradually increasing. As the foreign trade environment is turning out to be increasingly dynamic, the degree and field of global participation are involved, and alongside the application of intelligent media and localization services are expanding, translation endeavors are developing. In this way, several new translation enterprises are both technically innovative and advanced in the market, providing translation students with more opportunities for employment options [4,5].

In conclusion, in the era of artificial intelligence, the employment status of translation majors has been challenged to a certain extent, but it also brings new development opportunities. Facing the changes in the market and employment positions, students should continuously enrich their professionalism and broaden their vocational skills.

2. The Impact of Artificial Intelligence on the Labor Market in English Translation

Given the knowledge of the application of translation and language service technology in the era of artificial intelligence, it is necessary to understand the influence mode and laws of AI technology applications on supply and demand, human capital allocation and production efficiency of the labor market, with aims to know the role and impact of AI on the labor market. It is evident that artificial intelligence has a substantial impact on the labor market in terms of English translation. Furthermore, the implementation of artificial intelligence technology in the English translation has seen significant success and has had a widespread impact on the labor market.

2.1 Reduce the Demands of Manpower

Many jobs in the field of English translation can be undertaken by automated translation software and natural language processing technologies as machine translation technology evolves. This means that translation units can use fewer human resources to produce a considerable quantity of work in some situations, thus reducing the requirement for specific translation positions.

2.2 Change the Skills Required by Translators

As machine translation technology spreads, so are the skills that translators must possess. To better work with AI technology and deliver higher-quality services, translators need more specialized knowledge and abilities, such as increased fluency in cross-cultural communication and multidisciplinary expertise.

2.3 Improve Translation Quality and Efficiency

Artificial intelligence technologies can enhance translation quality and productivity when used in English. Additionally, this frees up translators' attention so they may focus on harder translation projects, which raises the caliber and effectiveness of their work.

2.4 Create New Translation Opportunities

The need for fresh translation possibilities increases even as artificial intelligence technology reduces the number of human resources required for particular translation work. Artificial intelligence technology enables English translation specialists to complete their tasks more efficiently. Automated translation activities have the potential to improve translation efficiency and quality, create new career possibilities, and put more of a professional and academic burden on translators. To consistently enhance one's competence, it is critical to actively learn and adapt to new technical ways.

3. Employment Status of English Majors in Translation Direction

3.1 Translation Direction for English Majors, Employment Direction for Students

3.1.1 Translation Industry

English translation majors can find employment in translation firms, multinational corporations, or as freelancers. Translators from translation firms are in charge of translating a wide range of documents and materials, including those related to commerce, law, technology, and medicine. Professional translators and project managers are examples of practitioners. Graduates can also work as professional

translators in multinational organizations, providing translation and language support for the company's global expansion. Others decide to become freelancers in order to get employment in the translation industry. Typically, they develop their own client network and complete numerous translation tasks independently to find translation jobs. However, as artificial intelligence has advanced, the market demand for translation professionals has decreased. As a result, students, majoring in translation, will encounter more difficulties in the fiercely competitive job market, bear greater work pressure, and must invest the necessary time and effort in each project. Additionally, many repetitive translation processes have been replaced by automatic translation technologies as a result of the emergence of numerous online translation tools. In a declining demand environment, the employment wage of translation majors follows suit. To thrive in the field of translation, students must have a solid English language foundation and translation skills, as well as flexible thinking ability, a strong sense of responsibility, and effective communication skills.

3.1.2 Education Industry

Graduates with a major in English translation can also choose to enter the education industry. A huge number of educational institutions, primarily foreign language training institutions, international schools, education consulting firms, study abroad service institutions, and so on, need English translation specialists. Graduates might work as translators and proofreaders of educational materials. English translation skills are necessary to liaise with overseas universities or institutions and be responsible for student visa and application translation work in study abroad demonstration centers and overseas education institutions. Meanwhile, they must engage in study abroad service consulting, internships, or other tasks. Graduates must master particular educational ideas and educational teaching skills in order to enter the education industry, and they must demonstrate their qualifications through tests such as the teacher qualification test. Although there isn't a particularly high entry barrier to get into the education industry, it faces intense competition due to its popularity. Graduates must have strong language expression skills, translation abilities, and educational job experience in order to advance in the workplace.

3.1.3 Foreign Trade Industry

Foreign trade industry refers to the category of cross-border trade, focusing on international trade and import and export business. Graduates, with translation as their majors, can work in foreign trade enterprises as sales, marketing and so on. Foreign trade enterprises need to communicate with foreign customers, so they need English translators to help them in foreign trade negotiations, order confirmation and contract signing. Graduates who work as marketing and sales representatives in the foreign trade enterprises can often choose between B2B, B2C, and other sales modes. This position also has its challenges. In the face of the overall environment, changes in international trade and foreign trade policies will bring greater pressure to foreign trade enterprises. Graduates in this position must adapt to and respond to challenges in a rapidly changing market environment. Graduates majoring in English translation must possess excellent market development and marketing abilities, actively seek for new customers, and actively maintain existing customers due to the intense market competition in the foreign trade industry. At the same time, they need to constantly deal with various translation tasks and accurately complete a lot of work in a short time, and they need good communication skills and coordination skills.

3.1.4 Editing and Publishing Industry

Graduates can engage in editing, proofreading, typesetting and other related positions. In the editing and publishing industry, publishing houses are the most important employment institutions. Translators and proofreaders are also required by the news media to assist them in acquiring and translating information in other languages. At the same time, graduates can also engage in news editing, journalism, photography and other related occupations, all of which require corresponding skills and practical experience. Graduates in the editing and publishing industry have certain advantages in language skills, translation skills and editing level, so that they can make some gains in the workplace. However, as the overall salary in the editing and publishing industry is rather low, some graduates may not find their pay to be alluring, which graduates must understand and accept. It takes a lot of effort and time for editors to eliminate, integrate, adjust, and design the original manuscript. In the editing and publishing industry, graduates need to be proficient in language expression, translation, and editing. At the same time, they need to have a high sense of responsibility and a greater ability to withstand work pressure.

3.2 The Limitations of English Major Translation Students in the Job Market

The employment status of English majors in translation has changed in response to the rapid growth of AI technology. The job market has grown more unpredictable in recent years due to the rise of English major graduates, and students now face greater market competition pressure in employment. The job selection of English majors is relatively concentrated, mainly in translation, education, foreign trade, tourism and other fields, and the employment opportunities and career promotion paths in these fields have certain limitations. For instance, when it comes to business, even though English majors are skilled at interpretation and translation, they might need to focus more on business management and marketing. Compared with engineering majors, English majors lack skills and need further study and improvement. It is also worth noting that the gender ratio of English major graduates is unbalanced, and gender disparities influence the choice of job market.

4. Countermeasures and Suggestions for the Employment of English Majors

4.1 Innovation of Cultivating Models

With the rapid advancement of AI technology, the education business need ongoing innovation to keep up. The English major training scheme, in particular, innovated and reformed to enhance students' competitiveness in future employment [6,7].

(1) Integrate technology into teaching. Nowadays, students live in the times of digital and artificial intelligence, and students are inseparable from technology. In order to improve students' English ability and ensure that they master the necessary skills related to work, we must integrate technology into daily English courses. Schools and teachers can use artificial intelligence softwares, such as machine learning, natural language processing and machine translation, to provide students with learning resources and online counseling. Artificial intelligence system can monitor and evaluate students' learning achievements and provide them with immediate feedback and suggestions, which can greatly improve students' learning efficiency and quality.

(2) Increase practical teaching. The ability to think independently and solve problems is an important competitive factor in dealing with artificial intelligence in today's society. Therefore, it is especially vital to provide more practical teaching opportunities for English majors to help them gain learning experience and knowledge in practice. Schools can provide practical teaching opportunities through project-based learning, student internship, voluntary service and cooperation with local institutions, so that students can both experience the real working environment, and improve their professionalism and problem-solving ability.

(3) Pay attention to cross-cultural communication. Globalization and cross-cultural communication will become more crucial in the age of artificial intelligence. To better adapt to a multicultural context, English majors must be capable of cross-cultural communication and teamwork. Through class discussions and conducting practice abroad, schools and teachers can expand the cross-cultural teaching content and give students more opportunities to develop their intercultural communication and cooperation skills.

(4) Provide personalized learning experience. Against the backdrop of artificial intelligence, the education system must be continually enhanced to satisfy the increasingly personalized educational needs of students. Personalized course planning, academic guidance, and different types of questions based on students' needs and skills can all be used to achieve personalized learning experiences. Through individual interaction with students, teachers can better understand students' learning needs and provide more targeted teaching content and academic support.

In a word, in order to reform the teaching and training programmes for English language students in the age of artificial intelligence, educators need to innovate educational content. English majors may succeed in the future's fiercely competitive workplace by incorporating technology into learning, increasing practical teaching sessions, focusing on cross-cultural communication and providing personalized learning experiences. This can help English majors adapt and succeed in the competitive workplace of the future.

4.2 Enhance professional ability and humanistic quality

Breaking down linguistic barriers has become a worldwide problem with the development and

implementation of artificial intelligence technology. In this increasingly open and interoperable era, English translation majors need to strengthen their professional ability and humanistic quality in order to better adapt to the development of translation industry.

First of all, students majoring in translation should improve their language foundation, which is a basic skill of translators and one of the core abilities of translation work. In the process of learning, we need to expand our language knowledge, enlarge our vocabulary, strengthen the use of grammar and sentence structure, and improve our ability in listening, speaking, reading, writing and translation. Secondly, students majoring in translation need to expand their humanistic quality. Translation is not only the transformation of language, but also the communication between culture and society, which needs to take into account the ability of cross-cultural communication. Students need to pay attention to and study cultural and social phenomena related to fields, and have a deep understanding of different cultural backgrounds and language usage, so as to improve their ability of cross-cultural communication.

In short, students majoring in translation need to constantly improve their abilities in terms of language foundation and humanistic quality in order to adapt to the market demand and challenges in the era of artificial intelligence.

4.3 Participate in Social Practice and Make Career plan.

By participating in social practice and making corresponding career plans, students' comprehensive quality and practical ability can be effectively improved, which is conducive to changing the status quo of empty talks, that is, letting students go out of the classroom and apply what they have learned to practical work. Students majoring in translation can participate in social practice and make career plans in the following ways.

First of all, actively contact with internship translation work and extracurricular translation projects. Students should make use of the winter and summer vacations and spare time to apply for internship translation posts to increase their translation experience, and understand all links before, during and after translation, so as to better master translation ideas and skills. Moreover, they can also take an active part in translation contests on campus or online or free translation projects, broaden their horizons and accumulate translated works, so as to increase their translation ability and self-brand influence.

Secondly, collect information and make a plan suitable for one's own career development. Undergraduates should explore the market environment and industry trends, analyze personnel needs against the advanced AI technology, and chart their own professional path and career development path. And then, they should also set specific goals and define the career development process including study, practice, work and professional maintenance. Personal career planning must be carefully carried out, along with actively participating in all practical connections and making steady progress towards the objective as outlined in the plan.

In a word, in the era of artificial intelligence, English translation majors need to participate in social practice and make career plans, so as to better improve their comprehensive ability and professional quality, better adapt to the development trend of the translation market and realize their personal career goals.

5. Conclusions

With the ceaseless leaps and bounds of AI technology, the employment status and development trend of translation for English majors are also facing certain changes. Translation software is widely used, and the demand for human translation services has decreased. On the other hand, the quality of automated translation software can not fully meet the needs of customers, so human translation is still indispensable in some fields.

First of all, AI translation technology has changed market demand as it gradually grows as one of the mainstream technologies in the field of English translation. So English majors must continually develop their professional abilities and translation ability. Second, the future will see the coordinated growth of the traditional translation sector and artificial intelligence translation technology. Finally, one of the most essential approaches to increase the quality of translation skills for English majors is to promote the deep integration of artificial intelligence and translation education. Educational authorities

need to strengthen the teaching and research of AI translation technology, and constantly improve the quality and level of training English professional translators.

As a result, in light of the challenges and opportunities presented by the training of translation talents for English majors, we should actively explore new teaching methods and training modes, strengthen the training of translation talents for English majors, adapt to the trend of economic globalization, comprehensively improve our professional quality, embrace change, and actively adapt to new translation technologies and new changes in the translation market, so that we can better serve the translation market.

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