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Topic: Language Technology Evolution and Translation Education Innovation in the Age of Generative AI

Abstract

The rapid rise of large language model technologies, exemplified by platforms such as ChatGPT and ERNIE Bot, is driving profound changes in translation education. This report outlines the lifecycle and development trends of global large language models and examines the opportunities and challenges they present to translation education through a SWOT analysis. It explores adaptive strategies to navigate this era of technological revolution and calls for a reassessment of the role of emerging technologies. The report urges a comprehensive overhaul of translation education philosophy, the innovation of teaching models and the creation of practical pathways. Among the key recommendations are enhancing digital literacy for teachers and students, strengthening ethics education in translation technology and fostering synergistic development between translation education and the industrial technology ecosystem.

Biography

Dr. Huashu Wang, a Professor and Ph.D. Supervisor at Beijing Foreign Studies University, is based at the Graduate School of Translation and Interpretation. He is also the Executive Director of the AI-Powered Translation Lab at the Academy of Translation and Interpretation, China International Communications Group (CICG), and the Secretary-General of the Translation Technology Committee of the Translators Association of China (TAC). Additionally, he is an expert member of the Technical Committee of the International Federation of Translators (FIT). Dr. Wang has been at the forefront of promoting the integration of translation technology across academia, industry, and research. He has published over 80 papers in leading journals and has led more than ten national and provincial research projects. His key publications include *Studies on Translation Technology in the Age of AI*, *Translation Technology for Everyone*, and *Translation and Localization Project Management*. His research efforts extend to a broad spectrum of interests, including translation technology, foreign language education technology, and language service management.