



# THE IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE IN FOREIGN LANGUAGE TEACHING

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**Abstract.** This article explores the integral role of Artificial Intelligence in modern education. It discusses how ICT has revolutionized access to information, transformed learning environments, personalized learning experiences, facilitated collaboration, connected global learning communities, supported teacher professional development, enhanced administrative efficiency, and promoted lifelong learning. By leveraging AI and ICT tools and technologies, education can become more inclusive, interactive, and innovative, preparing learners for success in the digital age.

**Keywords:** ICT, modern education, access to information, interactive learning, personalized learning, collaborative learning, global learning communities, teacher professional development, administrative efficiency, lifelong learning.

The growth of technology in education has shifted educators' ideas on the importance of encouraging creativity in English teaching and learning. Teachers may now incorporate technology into their English lessons, improving the teaching and learning experience and attracting students' interest in the subject. Technology may help improve one of the linguistic skills, writing. While writing helps all students to share their thoughts, ideas, and experiences to readers, certain individuals may fail to convey their views successfully in writing. This challenge is often caused by students' lack of confidence in their writing ability, which can be attributed to faults in grammar or vocabulary. To address these issues in student writing, the researchers used technology to detect and correct grammatical faults in their essays.

By offering dynamic, responsive learning environments and customized educational experiences, artificial intelligence (AI), with its innovative technologies and adaptive learning mechanisms, enhances academic writing. It explores the complexities of language learning and provides customized solutions, streamlining and simplifying the procedures necessary for academic writing. Simultaneously, producing an academic essay necessitates accuracy, lucidity, well-organized reasoning, and moral scholarship—values that are enhanced and reinforced by AI's potential. With the use of AI, students are able to successfully negotiate the challenges of creating succinct titles, interesting abstracts, thorough literature evaluations, and upholding integrity through accurate citation and reference.

## Duolingo

To become fluent in multiple languages, individuals can visit the Duolingo website. Duolingo is a software application that utilizes a game-like format to teach languages, involving matching words and completing sentences. This approach effectively teaches students the necessary syntax, vocabulary, and phrases for constructing sentences. Regardless of their current level of English proficiency, students can use Duolingo to learn English while also learning a new subject. Duolingo assesses users' skills and provides tailored teaching



materials accordingly. Users who take the exam on Duolingo can gain insight into their current level of English proficiency. Before providing any English-language content, Duolingo determines the user's proficiency level. Apart from grammar instruction, Duolingo offers opportunities to study vocabulary, nomenclature, and other subjects. The educational method employed by Duolingo for teaching English is designed to resemble gaming and promote competition among users. As a result, users can track their progress in improving their English language skills.

**Conclusions:** I believe that there is a reasonable chance that artificial intelligence can and will become part of the workplace of the future in many ways and the future of education is closely related to it. By making learning more accessible and personalized, AI has the potential to revolutionize education for the better. And while the education industry is not yet ready to accept humanoid robots in the classroom, it is clear that Artificial Intelligence has a future in transforming education.

Artificial Intelligence can play a crucial role in personalizing learning, enabling content, pace and teaching style to be tailored to individual students' needs and preferences. Through AI systems, personalized learning programs can be created that foster the development of unique human skills by focusing on each student's specific strengths and interests. AI-based technologies can also facilitate communication and collaboration between students and between students and teachers. These tools can promote the development of unique human skills, such as communication, negotiation or teamwork skills.

AI can be used to give students access to innovative resources and tools, such as design software or creative virtual assistants. These technologies can stimulate creativity and critical thinking, giving students opportunities to explore new ideas, develop their imaginations, and find innovative solutions to complex problems. By personalizing learning, continuous and formative assessment, fostering collaboration and communication, encouraging creativity and critical thinking, and developing complex problem-solving skills, AI can help create a new educational environment that holistically develops the skills essential for success in a world of continuous digitization.

Encouraging critical thinking and innovation: AI brings with it opportunities and challenges that require critical and innovative thinking. It is essential that education encourages pupils and students to develop these skills through teaching and assessment methods. By stimulating critical and innovative thinking, individuals capable of adapting to change and generating innovative solutions in the context of new occupations can be formed.

Flexibility and continuous learning: Career transformations don't stop with a degree or qualification. In the age of AI, continuous learning becomes essential to stay current and competitive in the job market. Education must promote the idea of lifelong learning and provide opportunities for professional development and retraining for workers in various fields.

**Conclusion.** In conclusion, this study highlights the potential of interest-driven learning strategies in enhancing English grammar instruction, particularly through the utilization of online platforms. It is the need of the time that the distance between the digital natives and the digital immigrants is to be reduced soon to create a comfortable learning environment. By tapping into learners' intrinsic motivation and engagement with digital environments, educators can foster more immersive and effective learning experiences. The findings underscore the importance of incorporating contemporary technologies into language education practices, thereby catering to the evolving needs and preferences of 21st-century learners. As educators



continue to innovate and adapt pedagogical approaches, leveraging the affordances of online gaming platforms holds promise for promoting linguistic proficiency and fluency in diverse educational settings.

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