



XORIJY TILLARNI O'QITISHDA INNOVATSION YONDASHUVLAR NAZARIYANING AMALIYOTGA TATBIQI

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THE ROLE OF ARTIFICIAL INTELLIGENCE IN ENHANCING FOREIGN LANGUAGE LEARNING: OPPORTUNITIES AND CHALLENGES

Sidiqjanova Shaxrizoda

Namangan State Pedagogical Institute

Department of Foreign Language and Literature: English Language

Phone: +998500761532

Email: Shekhrizada0509@gmail.com

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Annotation. Artificial Intelligence (AI) is transforming foreign language learning through personalized learning experiences, real-time feedback, and adaptive lesson plans. AI-powered applications such as ChatGPT, Grammarly, and speech recognition software improve various aspects of language acquisition, including grammar accuracy and fluency. However, while AI offers numerous advantages, it also presents challenges such as dependency on technology and concerns over accuracy. This paper explores both the benefits and limitations of AI in language education.

Keywords: Artificial Intelligence, Language Learning, Educational Technology, Personalized Learning, Chatbots, Speech Recognition.

Introduction. With the rapid development of digital technologies, Artificial Intelligence (AI) has emerged as an essential tool in education, particularly in foreign language learning. Traditional teaching methods often lack personalized feedback and adaptability, which AI applications can provide. These tools analyze learners' strengths and weaknesses, adjust lesson plans accordingly, and create interactive learning environments. This paper examines how AI enhances language learning while addressing the challenges associated with its adoption.

AI IN FOREIGN LANGUAGE LEARNING

AI technologies contribute to foreign language learning in several ways:

- 1. Personalized Learning Paths:* AI adjusts learning content based on individual performance and progress.
- 2. Instant Feedback:* Tools like Grammarly and AI-powered chatbots provide real-time corrections for grammar, pronunciation, and writing.
- 3. Speech Recognition:* AI applications analyze pronunciation and fluency, helping learners refine their speaking skills.
- 4. Chatbots and Virtual Tutors:* AI-driven systems simulate real-life conversations, allowing learners to practice language skills interactively.

CHALLENGES OF AI IN LANGUAGE LEARNING



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Despite its advantages, AI in language education presents several challenges:

- **Over-Reliance on AI:** Excessive dependence on AI tools may reduce students' critical thinking and problem-solving abilities;
- **Accuracy and Bias Issues:** AI models sometimes generate incorrect translations or biased language patterns;
- **Limited Cultural Context:** AI struggles to capture cultural nuances, which are essential for effective communication.

CONCLUSION

AI has significantly improved foreign language learning by making education more interactive, efficient, and personalized. However, it must be integrated carefully to balance its advantages and limitations. Educators should ensure that students develop critical thinking skills alongside AI-assisted learning to maximize its benefits while minimizing its drawbacks.

References:

1. Chappelle, C. (2019). *AI in Language Learning: Implications for Teaching*. Cambridge University Press.
2. Warschauer, M. (2018). *Technology and Language Learning: A Research Review*. *TESOL Quarterly*, 52(3), 401-425.
3. Smith, J. (2020). *The Role of AI in Enhancing Language Fluency*. *Journal of Applied Linguistics*, 34(2), 112-130.
4. Richards, J. C. (2008). *Teaching Listening and Speaking: From Theory to Practice*. Cambridge University Press.