OPPORTUNITIES OF ONLINE SERVICES BASED ON ARTIFICIAL INTELLIGENCE IN TEACHING AND LEARNING ENGLISH

Omonturdieva Zebokhon
Teacher of the Department of Foreign Languages,

Renaissance University of Education

Abstract: The article presents material describing online services based on artificial intelligence (AI) that have become popular in teaching and learning English, opening up new opportunities for individualization of the learning process, increasing its efficiency and accessibility. These AI-based services, such as virtual tutors, automatic grammar checking systems, voice assistants and adaptive learning platforms, allow to create an interactive environment for students, providing instant feedback and recommendations based on their successes and mistakes. This article discusses the main possibilities and prospects for using AI in learning and teaching English.

Keywords: individualization of learning, interactive platforms, artificial intelligence, online services, virtual tutors, adaptive learning, voice assistants.

In modern society, learning foreign languages has become an essential component of professional training for specialists across a wide range of fields. The quality of language training significantly impacts professionals' success in career advancement and expanding connections with international partners. Consequently, secondary schools and universities are responsible for ensuring a certain level of foreign language proficiency that enables students to continue studying it in postgraduate education and independently.

The success of language learning largely depends on the teaching methods employed by foreign language instructors and their ability to use various contemporary techniques tailored to specific educational goals. Today, the informatization of education is developing, integrating new information technology tools into the educational process while raising the level of computer literacy among participants in this process. Additionally, efforts are underway to "establish and develop a unified educational information space" [1, p. 53]. Information technologies are becoming an essential tool in teaching and learning foreign languages, opening new horizons for the educational process.

Let's consider the main ways in which technology influences language teaching and learning. Modern technologies have radically transformed approaches to language acquisition, making learning more varied and engaging, allowing anyone to master a language in a convenient and enjoyable format. The use of new information technologies entails the implementation of not only new technical tools but also new forms and methods of teaching, resulting in an overall fresh approach to the educational process [2, p. 106].

The Internet provides access to a vast array of materials, including online courses, video lessons, podcasts, and e-books. This allows learners to find resources that match their level and interests anytime, from anywhere. One of the most effective and modern methods for developing language skills is using interactive online services for exercises and tasks. Choosing the right interactive online service based on learning goals is essential [3, p. 170]. Let's explore some of these tools in more detail.

Interactive Learning. Technology enables interactive learning through applications and platforms like Duolingo (https://www.duolingo.com) and Rosetta Stone

(https://www.rosettastone.com). Interactive exercises, games, and tests help students absorb material in a game-like format, making the process more enjoyable.

Speaking Practice. The use of diverse technical tools in language education stems from the need to "create an artificial language environment due to the absence of a natural one" [4, p. 47]. Online tutors and language exchanges, for example, through platforms like Italki (https://www.italki.com) and Tandem (https://tandem.net), allow students to practice speaking with native speakers, enhancing their confidence and pronunciation. Tutors on Preply (https://preply.com) offer one-on-one video lessons, providing an excellent way to practice conversational skills. Platforms like HelloTalk (https://www.hellotalk.com) enable users to chat with native speakers, exchanging messages, audio, and video with fellow learners to improve communication skills.

Virtual Classes and Webinars. Modern technology enables video conferencing for classes, connecting learners with teachers and peers worldwide.

Multimedia Resources. The use of videos, audio, and animations in learning aids material comprehension, making lessons more engaging and memorable and fostering deeper language understanding.

Social Media and Online Communities. Platforms like Facebook, Instagram, and Reddit create communities where language learners can share experiences, exchange tips, and stay motivated. Subscribing to English-learning accounts on Instagram or TikTok offers extra motivation and practice, providing tips and phrases in an accessible format.

Video Lessons and Courses. Sites like YouTube and Coursera (https://www.coursera.org) offer free and paid video courses by professional instructors on various language aspects, including conversation practice, business English, and exam preparation.

Reading and Listening Content. Using apps like Audible (https://www.audible.com) for reading books and listening to podcasts in English enhances comprehension and expands vocabulary, familiarizing learners with the language's natural sound.

Video Call Platforms. Apps like Zoom and Microsoft Teams support virtual classroom settings, allowing instructors to organize interactive lessons, discussions, and group activities while maintaining personal interaction with students.

E-books and Resources. E-books and online resources offer learners current materials, facilitating content updates and integrating interactive elements like tests and exercises.

Assessment and Feedback. Modern technologies enable the use of automated assessment systems, helping teachers quickly and effectively monitor students' progress. Platforms can provide detailed reports on students' achievements and highlight areas needing additional attention.

Artificial Intelligence (AI) has a profound impact on various aspects of life, and English language learning is no exception. AI-based online services greatly enhance the efficiency and accessibility of language learning. Let's explore the key aspects of using these services. AI-powered online services offer extensive possibilities in contemporary English learning by providing a more personalized, interactive, and efficient learning process. Such services allow students to improve pronunciation, enhance writing skills, translate complex texts, and receive individual recommendations. As a result, English language learning becomes more accessible and productive for everyone.

Personalized Approach. Technology allows the learning process to be tailored to the individual needs of language learners. Platforms like Busuu (https://www.busuu.com) and Lingoda (https://www.lingoda.com) offer courses that adapt to each student's proficiency level and learning pace. These platforms enable users to study at their level and receive feedback from instructors. AI-powered platforms, such as Mondly (https://www.mondly.com), analyze students' progress and adjust lesson content to meet their needs. These services can identify users' weak areas and modify the learning program to help them overcome challenges more efficiently and achieve success faster.

Pronunciation Correction and Speaking Practice. AI systems like ELSA Speak (https://elsaspeak.com) and Google Assistant (https://assistant.google.com) are widely used for pronunciation training. These tools analyze users' speech, comparing it to model samples, and provide feedback on correcting pronunciation errors. This type of practice helps learners build confidence in speaking and improve their accent.

Chatbots and Conversational Simulators. AI-powered chatbots like Replika (https://replika.com) and Andy simulate conversations with real interlocutors, providing an opportunity for dialogue in English. This is especially helpful for those looking to improve their speaking skills. Learners can practice conversation anytime, receiving feedback and correction on mistakes.

Automated Writing Check. Services like Grammarly (https://www.grammarly.com) and ProWritingAid (https://launchpad.prowritingaid.com) use AI to review spelling, grammar, and writing style in texts. These systems automatically detect errors and suggest corrections, allowing students to improve their writing skills without needing to consult a teacher.

Machine Translation and Dictionaries. Platforms like Google Translate and DeepL use AI to translate text and context. With machine learning advancements, translation quality has significantly improved, enabling these tools to be used not only for basic text comprehension but also for more complex linguistic tasks.

Adaptive Language Courses. Platforms like Lingvist and Coursera use AI to create adaptive courses that adjust to the user's knowledge level. They analyze learning speed and the challenges a student encounters, adapting future lessons accordingly. This ensures the most effective progress for each learner.

Interactive AI-Powered Exercises. AI in apps like Babbel (https://www.babbel.com) and Memrise (https://www.memrise.com) offers interactive lessons covering vocabulary, grammar, and pronunciation. These tools create engaging exercises where learners not only study new material but also participate in real-life English language simulations. These tasks make the learning process more enjoyable and beneficial.

Learning English through Online Services offers numerous opportunities for anyone interested. The key is to choose the right method and practice regularly. By using a combination of different platforms and approaches, you can significantly improve your skills and confidence in English communication. New information technologies in language teaching open up fresh possibilities for both teachers and students. Modern technologies make learning more accessible, interactive, and adaptive, fostering a deeper understanding of the language and boosting student motivation. In a rapidly changing world, this approach is especially relevant and essential.

References

1. Захарова И.Г. Информационные технологии в образовании: учеб. пособие для студ. высш. учеб. заведений. – 6-е изд., стер. – М.: Издательский центр «Академия», 2010. – 192 с.

2. Кривошапкина А.Г. Использование инновационных технологий в обучении иностранному языку // Актуальные проблемы гуманитарных и естественных наук. – 2015. – № 04(75) – Часть II. – С. 106-108.

3. Богачевский В.М., Куприна Т. В. Использование интерактивных онлайн-сервисов на занятиях по английскому языку //Современные направления профессиональной языковой подготовки лингвистов-переводчиков и преподавателей иностранного языка в вузе.—Екатеринбург, 2022 (2023): 169-176.

4. Геращенко А.М. Роль современных информационных технологий в обучении иностранному языку/Научные труды КубГТУ, № 8, 2017.