

EXAMPLES OF USING ARTIFICIAL INTELLIGENCE IN TEACHING A FOREIGN LANGUAGE TO STUDENTS

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ABSTRACT

The article considers examples of the use of artificial intelligence technologies in teaching students a foreign language in order to automate the educational process in higher education, optimize the work of teachers and increase the motivation of non-linguistic higher education students. The article analyses platforms with built-in artificial intelligence, which allow students to develop all kinds of foreign speech activities, make the process of learning a foreign language more personalized. There is a research of platforms that help to reduce teacher's time for class preparation, and at the same time stimulate the creative process by offering a wide range of ideas and tasks

In the era of globalization and digitalization, the education sphere is undergoing significant changes. Various digital tools such as artificial intelligence, neural networks, chatbots, cloud environments, virtual reality technologies, and others are being implemented.

Unlike lessons conducted in traditional form, the learning process using digital tools becomes more interesting and productive.

At the same time, in the plan of teaching a foreign language at a technical university, the issue of criteria for selecting and choosing information and communication technologies capable not only of effectively utilizing all the advantages of a particular technology but also creating potential for the subsequent development of all speech skills in foreign language proficiency, including in scientific and professional activities, remains acute.[1].

As part of this work, we propose to consider the possibilities of using artificial intelligence technologies both by the teacher when teaching a foreign language and by students when learning it. First, let's define that artificial intelligence (AI) is the ability of a digital computer or a computer-controlled robot to perform tasks that humans consider to be their prerogative. In our time, the term is applied to a project for the development of systems endowed with intellectual processes characteristic of human intellect (reasoning, generalization, gaining experience, analysis). In other words, AI is enormous a spectrum of algorithms and tools of mechanized learning that can quickly obtain data, identify certain patterns, optimize or predict trends. [2].

Let's consider some examples of the possible use of artificial intelligence by teachers in foreign language teaching.

Many platforms (Edvibe, Miro, ProgressMe, Notion, Trello, Canva, etc.) allow foreign language teachers to engage artificial intelligence assistants in the learning process, who are able to generate the necessary texts and tasks for them, images, diagrams, cards, and other didactic materials in one click[3].

The *magicschoolai* platform (<https://app.magicschool.ai>) generates questions to the video posted on the Youtube channel* (*YouTube, - RKN: the foreign owner of the resource violates the law of the RF). At the same time, it provides an opportunity to choose the students' language level, the number of questions desired, and the type of questions (many choices, free answers).

The *quillionz* online application (<https://www.quillionz.com>) is suitable for text bots. This application automatically generates a list of keywords based on which tasks are generated. Based on the content. The program automatically creates interactive tasks that include multiple choices, short answers, general questions, filling in gaps, interactive quizzes, and more.

The GPT chat is an effective tool for evaluating and analyzing students' written work, capable of identifying errors and offering suggestions. Practical recommendations for their correction and improvement of the quality of texts.

This innovative solution will help students develop their writing skills and enhance their professionalism in writing. Using the GPT chat, students have the opportunity to independently evaluate their texts, as well as learn recommendations and tips aimed at improving their writing skills. Using the GPT chat will be a truly useful step in the educational process and will contribute to improving the level of student preparation.

AI assistants on the ProgressMe platform (<https://progressme.ru>) allow you to quickly adapt the content to the level, interests, and needs of students, make exercises with vocabulary and grammatical constructions relevant for each specific student. Simply send a request in a foreign language, and the bot will provide a response within seconds.

Examples of such requests:

1. Write a text using words (vocabulary). Write (number) words.
2. Write sentences about (topic) for English learners (level) using the words: (vocabulary).
3. Write 4 sentences with different verbs in (grammar).
4. Write a blog post/ letter/ academic text about (topic).
5. Summarize this text for a 2nd grader / an Intermediate English learner: (text).
6. Correct the mistakes in the text: (your text) [4].

Thus, by turning to the algorithms used by artificial intelligence, teachers have the opportunity to do their work even better. The options for using AI to prepare for lessons, create courses, and plan are limited only by the teacher's imagination and desire to experiment with various queries. Using artificial intelligence technologies in language learning accelerates the process of receiving feedback, allowing learners to define their own goals and follow an individual learning program.

According to A.A. Rolgaizer, currently, the most in-demand artificial intelligence tools used by students in foreign language learning are recognition and analysis services, text (e.g.,

voice assistants, chatbots, online translators, orthography, punctuation, grammar, and text stylistics checking services)[5].

An example of services used for students to learn English is the Cheevo English Bot on Telegram. This bot offers unlimited practice in communicating in English with instant feedback. It involves recording student speech for up to 5 minutes and has the following functions:

- analysis and explanation of speech errors;
- correcting incorrect pronunciation;
- determining the student's language level;
- answering any questions from the student about English;
- offers words and expressions of a higher level to improve student speech, etc.

A huge number of chatbots on the Telegram channel (@multitrans bot, @AndyRobot, @eddy en bot, @EnglishSimpleBot and others) help students develop productive types of foreign language speech activity: writing and/or speaking. The use of chatbots contributes to the development of students' oral and written communication skills in both classroom and extracurricular activities. Oral communication with the chatbot contributes to the development of skills in expressing one's thoughts and understanding the interlocutor, while written interaction contributes to the development of writing and reading skills. It should be noted that when interacting with chatbots, students develop receptive and productive foreign language speaking skills [6].

Thus, artificial intelligence tools help facilitate the professional activities of a foreign language teacher by reducing the time spent preparing for lessons, developing, and checking assignments. They allow for organizing the learning process, making it more personalized, and motivating students to learn a foreign language.

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