



"LEARNING A FOREIGN LANGUAGE WITH ARTIFICIAL INTELLIGENCE:
OPPORTUNITIES OF CHATBOTS AND VIRTUAL TUTORS".

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Annotation: Currently, artificial intelligence (SI) technologies are widely used in the process of learning a foreign language. Chatbots and virtual tutors serve to interactivate the language learning process, form an individual approach, and improve educational effectiveness. This article analyzes SI-based language teaching tools, their advantages and limitations. The importance of artificial intelligence technologies in education is shown, especially the possibilities in accelerating and making the process of learning foreign languages effective. The article will tell about platforms and applications that work on the basis of AI, their advantages that they offer to users, ways to use them.

Keywords: artificial intelligence, chatbots, virtual tutors, foreign language education, interactive teaching, digital technologies, quizlet, memorize, chatgpt, grammar.

Annotatsiya: Hozirgi kunda sun'iy intellekt (SI) texnologiyalari chet tili o'rganish jarayonida keng qo'llanilmoqda. Chatbotlar va virtual repetitorlar til o'rganish jarayonini interaktivlashtirish, individual yondashuvni shakllantirish va ta'lim samaradorligini oshirishga xizmat qilmoqda. Ushbu maqolada SI asosidagi til o'rgatish vositalari, ularning afzalliklari va cheklovlari tahlil qilinadi. Sun'iy intellekt texnologiyalarining ta'limdagi ahamiyati, ayniqsa, chet tillarini o'rganish jarayonini tezlashtirish va samarali qilishdagi imkoniyatlari ko'rsatiladi. Maqolada AI asosida ishlovchi platformalar va ilovalar, ularning foydalanuvchilarga taqdim etadigan afzalliklari, ulardan foydalanish yo'llari haqida ma'lumot beriladi

Kalit so'zlar: Sun'iy intellekt, chatbotlar, virtual repetitorlar, chet tili ta'limi, interaktiv o'qitish, raqamli texnologiyalar, quizlet, memorize, chatgpt, grammar.

Аннотация: В настоящее время технологии искусственного интеллекта (ИИ) широко используются в процессе изучения иностранного языка. Чат-боты и виртуальные репетиторы служат для интерактивизации процесса изучения языка, формирования индивидуального подхода и повышения эффективности обучения. В этой статье будут проанализированы инструменты обучения языку на основе Си, их преимущества и ограничения. Будет продемонстрирована важность технологий искусственного интеллекта в образовании, особенно их потенциал в ускорении и повышении эффективности процесса изучения иностранных языков. В статье будет



представлена информация о платформах и приложениях на основе искусственного интеллекта, преимуществах, которые они предлагают пользователям, а также способах их использования

Ключевые слова: *искусственный интеллект, чат-боты, виртуальные репетиторы, обучение иностранному языку, интерактивное обучение, цифровые технологии, викторина, запоминание, Chatgpt, грамматика.*

Introduction

Modern technologies open up many opportunities for Learning English. Artificial intelligence (AI) radically changes the learning approach, making it more accessible and targeting your personal goals. With AI, it is possible to adapt the learning process to your level and rhythm, as well as get quick feedback, which will speed up progress. In this article, we will look at the most effective methods in the artificial intelligence tool for Learning English.

Personal language diet. One of the main advantages of AI is the ability to create customized training programs. Apps like Babbel, Duolingo, or Busuu use artificial intelligence to analyze your skills and adapt tasks according to your success. This will allow you to learn at a comfortable pace and focus on topics that are difficult for you. Programs “remember” your mistakes and offer exercises. Errors are analyzed and, through repeated exercises, it is possible to better master those difficult topics. Then you can better master the material. This targeted approach will help you achieve the desired language level faster. AI-controlled grammar. It can become a real assistant for those who have difficulty in grammar. Apps like Grammarly not only fix bugs, but also explain the rules and offer the right option in a live speech context. This will help you understand how to correctly compose sentences in practice. In addition QuillBot and LanguageTool are AI – based written speech improvement tools that help users solve problems with grammar, stylistics, and writing quality. Below I will tell you in detail about their capabilities and differences.

1. QuillBot: an AI tool that improves the quality of text processing and writing QuillBot is an AI – based writing and editing tool that is used to make text more fluent, understandable and effective. This tool is especially useful for improving academic writing, official documents, essays and blog posts.

Basic functions of QuillBot:

1. Paraphrasing (Paraphrasing Tool) - helps you change your text and express it in a different form using synonyms.
2. Grammatical error correction (Grammar Checker) offers options for correcting grammatical and orthographic errors in sentences.
3. Style and editing (Writing Mode) – allows you to adapt your writing style to a formal or informal form.
4. Summarization Tool-summarizes large volumes of texts and distinguishes the main content.



5. Plagiarism Checker (in the premium version) – checks how similar Your Text is to other sources.. This approach helps to quickly master grammatical structures and improves the quality of writing.

LanguageTool is an artificial intelligence-based grammar and stylistic analysis tool used to examine texts in different languages. It supports 30+ languages, in addition to English.

The main functions of LanguageTool are:

1. Grammatical error checking-detects grammatical errors in English, German, French and other languages and offers them in the correct form.

2. Style and style recommendations-provide recommendations for improving formal and informal writing styles.

3. Orthography (Spelling Checker) – corrects errors by analyzing the correct spelling of words.

4. Contextual error checking-identifies words that are correctly written but misused (e.g. "there" instead of "their").

5. Integration with browser extensions and office applications – works with Google Docs, Microsoft Word, LibreOffice and other applications.

How to use LanguageTool?

It can be used through browser plugins to automatically check the texts you are writing on Gmail, Outlook, Twitter, Facebook and other platforms.

Brain and dictionary games. Modern platforms such as Quizlet and Memrise greatly facilitate the process of memorizing English words. In Quizlet, you can create cards with new words, and artificial intelligence will make it an interesting game to learn by making them sound and choosing effective exercises to remember them 1. How does Quizlet work? Quizlet is primarily based on the card (flashcards) system. If a question or word is written on the front of each card, there will be an answer or translation on the back. Students learn and repeat new concepts through these cards.

2. The main functions of Quizlet :1. Create Flashcards (cards).It is also possible for teachers and students to create their own individual set of cards and place a word and its translation, explanation or image on each card, and share the ready-made set of cards with other users. Play and exercise. Quizlet has various games and exercises to make the learning process fun:

Learn (learning) is a word – step learning mode using artificial intelligence.

Match (matching) is a game about finding words and their meaning quickly.

Gravity (gravity game) is a type of fun game for fast word memorization.

Write (writing) – practice by writing Words and sentences.

Test (Test Mode) – test assignments to test acquired knowledge.

Pronunciation and hearing exercises. The Quizlet is equipped with a function that reads words aloud, which helps to improve pronunciation.

Each card has voice support, which is especially useful when memorizing new words.



Using ready-made materials

The platform has millions of ready-made lesson kits. Students and teachers can use ready-made resources or adapt them to their needs.

Memrise uses associative techniques: visual and audio tips, which offer audio parts with vocalizations usually performed by native speakers, to help improve pronunciation and perception. Both programs use interval repetition techniques that ensure that you not only learn words, but also remember them in the long run. How does Memrise work? Memrise is a knowledge-giving platform based on visual and auditory methods that helps remember new words using mnemotechnics (memorization techniques). It gives users the following capabilities:

Linking words and phrases with visual images

Hearing the natural pronunciation of the words under study

Study of close-to-real-life conversations based on artificial intelligence

Amplification of recall using an interval-based Repetition System

Memrise's main functions are

1. Memorizing words using visual and audio materials

Each new word or phrase is presented along with pictures and videos.

There are realistic audio recordings spoken by native speakers.

Users can associate new words with the visuals they create.

2. Close to Real - life language learning

Native Speaker Videos are short videos written by foreign speakers.

The pronunciation of each phrase and the context of its use are indicated.

Readers can reinforce new words through text and voice.

Friend for practice. One of the main problems in learning English is the fear of communicative errors. Here AI chatbots like CHATGPT come to the rescue. They can continue the conversation on any topic by answering questions, offering new topics for discussion, and correcting errors in real time.

Today, artificial intelligence technologies make the process of learning English more convenient and effective. AI tools make it possible to create individual training programs, correct grammatical errors, make it easier to remember new words, and practice in real-world conversations. Applications such as Babbel, Duolingo, Grammarly, Quizlet and ChatGPT individualize the language learning process and make it fun and interactive. For example: advantages of communicating with ChatGPT in English:

The opportunity to talk on any topic.

Real-time analysis and correction of errors.

Offering language-appropriate contexts.

Grammarly is an AI-based written speech enhancement platform that helps users to check grammar, spelling, punctuation, improve style, and express text more clearly. It is intended primarily for those who write in English, and serves to qualitatively enhance academic, business, and daily correspondence.



Basic functions of grammar:

1. Detection and correction of grammatical and spelling errors

Offers to automatically find grammatical errors in English entries and replace them with the correct option.

Errors are analyzed and the user is given explanations.

2. Stylistics and style recommendations

It recommends writing in accordance with the desired context, explaining the differences in formal and informal style.

Helps to shorten ambiguous or Redundant Phrases in the writing process.

3. Checking plagiarism (in Premium version)

Checks how similar mat is to other sources and shows the level of plagiarism.

Very useful for academic work and official documents.

4. Checking punctuation

Commas, dots, dashes and other punctuation marks recommend placing them correctly if applied incorrectly.

5. Making the text fluent and understandable

Offers short and concise sentences.

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