O‘ZBEKISTON RESPUBLIKASI
OLIY TA’LIM, FAN VA INNOVATSIYALAR VAZIRLIGI

FARG‘ONA DAVLAT UNIVERSITETI

FarDU. ILMIY XABARLAR

1995-yildan nashr etiladi
Yilda 6 marta chiqadi

2024/3-SON
ILOVA TO‘PLAM

НАУЧНЫЙ ВЕСТНИК. ФерГУ

Издаётся с 1995 года
Выходит 6 раз в год

Exploring the flexibility of adjective order in english: cognitive, pragmatic, and stylistic perspectives 873
J.G‘.Numonova
The role of podcasts and audiobooks in language education 877
J.G‘.Numonova
The influence of technological advancements on language assessment methods 881
O.Z.Dadajonov
XX asr O‘zbek va Nemis dramasida davr va qahramon talqini 885
S.A.Yusupova
The evolution of politeness: a historical analysis of English novels 890
N.M.Merganova, N.A.Orifjonova
Og‘zaki nutqning o‘ziga hos xususiyatlari 894
G.A.To‘lanboyeva
Muloqot va uning xususiyatlari 898
S.A.Xaqnazarova
Abdulla sher ijodida tiplar an’anasi 901
N.M.Merganova
Chet tilda og‘zaki nutqni rivojlantirishning yo‘llari 905
С.Х.Азимова
Категории «Вежливости» в речевых актах высказывания «Отказов», «Отрицаний» и «Удивлений» в русской и американской культурах 908
N.A.Komilova
The representation of gender in English idiomatic expressions 911
Y.A.Nasirdinova
Fransuz navoiyshunosligining global ahamiyati 915
Y.A.Nasirdinova
Aleksandr Papas Alisher Navoiyning “Muhokamat ul-lug‘atayn” asari haqida: tasavvufiy yondashuv va tildagi maxfiy kodlar 919
S.To‘lanov
Turistik diskursning matnda ifodalanishi 923
S.To‘lanov
Turizm va reklama diskurslari: funksional va pragmatik yondashuv 927
Y.U.Abdurazzakov
Zamonaviy sotsiolingvistik tadqiqotlar sharhi 931
I.T.Dehqonov, T.S.Mo‘minova
Fransuz tili darslarida maqol va matallar bilan ishlash usullari 934
D.S.Usmonova, Z.A.Anvarjonova
Challenges in translating Uzbek literature to English 938
D.S.Usmonova, N.R.Rajabova
Using ai in the field of studying english as a second foreign language 942
Sh.M.Yusufjonova
Tarjima lug`atlarida milliy – madaniy xususiyatlar masalasi 946
S.A.Xaqnazarova
Abdulla she’r ijodida g‘oyaviy an’ana 949
N.A.Nizomova
Makon yasovchi affikslarning o‘zbek va ingliz tillardagi tarjimalari 953
G.Astonova, M.M.Kaharova
O‘zbekiston va Germaniyada ta’limni tashkil etishga oid leksik birliklar tavsifi 957
G.Astonova Oliy ta’lim tizimiga oid leksik birliklarning ifodalanishi 961
N.A.Nizomova
Makon va zamon tushunchalar o‘rtasidagi bog‘liklar masalasi 966
S.I.Quziyev
Turizm maqsadlari uchun ingliz tilini o‘qitishda interfaol metodlardan foydalanish 970
Z.M.Yigitaliyeva
Mualliflashtirish kategoriyasining matn doirasida o‘rganilganligi 975
Z.M.Yigitaliyeva
About the term of persuasion 979

FarDU. Ilmiy xabarlar – Scientific journal of the Fergana State University

Volume 30 Issue 3, 2024-yil DOI:10.56292/SJFSU/vol30_iss3_2t/a209

UO'K: 811.11-112

INGLIZ TILINI IKKINCHI CHET TILI O'RGANISH SOHADA AINI FOYDALANISH

ИСПОЛЬЗОВАНИЕ ИИ ПРИ ИЗУЧЕНИИ АНГЛИЙСКОГО ЯЗЫКА КАК ВТОРОГО ИНОСТРАННОГО ЯЗЫКА

USING AI IN THE FIELD OF STUDYING ENGLISH AS A SECOND FOREIGN LANGUAGE

Usmonova Dona Satvoldiyevna[1]
[1]Fergana State University, Senior teacher

Rajabova Niginaxon Raxmatullayevna[2]
[2]Fergana State University, Bachelor's degree student

Annotatsiya

Ushbu maqola sun'iy intellekt yordamida ingliz tilini o'rganish usullarini o'rganadi. Zamonaviy texnologiyalarning hozirgi davrini uchinchi tomon aralashuvisiz, ayniqsa OpenAI tashkiloti tomonidan kiritilgan turli xil innovatsiyalar tufayli ta'lim muhitini raqamlashtirish va parallel yaxshilashsiz tasavvur qilib bo'lmaydi. Bularning barchasi birgalikda chet tilini o'rganishni sezilarli darajada osonlashtiradi va hatto yoqimli yangiliklarni kiritadi, ya'ni yoshlarning ingliz tilini o'rganishga qiziqish foizini oshiradi va yangi materialni o'rganish jarayonida ularga ko'proq erkinlikni his qilish imkonini beradi. Bu tomondan ko'rsatilayotgan zamonaviy xizmatlardan foydalanish yoshlarning kasbiy mahoratini oshirish yo'lidagi salmoqli qadamdir. Bu nafaqat til ko'nikmalarini yaxshilaydi, balki tanqidiy fikrlash, ijodkorlik va mustaqillikni rivojlantirishga yordam beradi. Birgalikda, ingliz tilini o'rgatishda sun'iy intellektdan foydalanish yangi ufqlar va imkoniyatlarni ochib, ta'lim jarayonini yanada samarali va qiziqarli qiladi.

Аннотация

В данной статье исследуются методы изучения английского языка с использованием искусственного интеллекта. Нынешний век современных технологий невозможно представить без стороннего вмешательства диджитализации и параллельного совершенствования образовательной среды благодаря различным новшествам, которые особенно привносит организация OpenAI. Всё это в совокупности значительно упрощает освоение иностранного языка и даже вносит приятные новшества, а именно – увеличивает процент заинтересованности молодых людей в освоении английского языка и позволяет чувствовать больше свободы в процессе познания нового материала. Применение современных услуг, предоставляемых с этой стороны – значительный шаг в сторону профессионального развития молодежи. Оно не только улучшает языковые навыки, но и способствует развитию критического мышления, творческих способностей и самостоятельности. В совокупности, использование искусственного интеллекта в обучении английскому языку открывает новые горизонты и возможности, делая процесс образования более продуктивным и приятным.

Abstract

This article explores methods of learning English using artificial intelligence. The current age of modern technology cannot be imagined without the external factor of digitalization and parallel with the emergence of the educational environment thanks to various innovations that are especially brought by the OpenAI organization. All this significantly expands the acquisition of a foreign language and even introduces pleasant innovations, namely, it increases the percentage of interest of young people in learning English and allows them to feel greater freedom in the process of learning new material. The use of modern services provided from this side is a significant step towards the professional development of youth. It not only improves language skills, but also promotes the development of critical thinking, creativity and independence. Taken together, the use of artificial intelligence in teaching English opens up new horizons and opportunities, making the educational process more productive and enjoyable.

Kalit so'zlar: *Sun'iy intellekt, Ta'lim, Ingliz tilini o'rganish, Bilimlarni yaxshilash, Yordamchi aksessuarlar (gadjetlar), Ilovalar, Ta'limni soddalashtirish, Chet tilini o'zlashtirish*

Ключевые слова: *Искусственный Интеллект, Образование, Изучение английского языка, Совершенствование знаний, Вспомогательные принадлежности (гаджеты), Приложения, Симплификация образования, Освоение иностранного языка*

Key words: *AI, Education, Learning English, Improving knowledge, Auxiliary accessories (gadgets), Applications, Educational simplification, Foreign language acquisition*

INTRODUCTION

TILSHUNOSLIK

Learning certain language might be a challenging process but using special applications or online platforms allows humanity to utilize technologies for various linguistic purposes: creating presentations (Canva, Gamma AI), educational applications (Duolingo, Memrise, Cake, Elsa Speak, etc.), other kind of independent sources. Implementing AI into education plays first fiddle in the sphere of language acquisition; one can simply gather certain data and find AI coach for autonomous study, primary focusing on chatbots. This article explores the significant parts of Artificial Intelligence and how ordinary English lessons have been changed through a couple of years with the deployment of various AI devices. Lastly, the authors of this article would like to mention that during this research only the most relevant webpages and latest information was observed to provide more authentic data, educational context and reliable sources.

MATERIALS AND METHODS

Typically, the term "artificial intelligence" is often used to describe machines (or computers) that are capable of mimicking the "cognitive" functions that humans would normally associate with the mind, like "learning" and "problem solving" [1]. Some years ago, the goal to learn English language was enhanced by different applications and online trainers but still people faced with mental obstacles (lacking discipline, feeling unmotivated, witnessing no visible results and all the related). Despite free access to the Internet, one might feel uneasy to acquire L2 or the pedagogue wouldn't explain the material in understandable way (not enough visual materials or instructions after giving home task). In this conducted study, the authors will investigate how the invention of AI has changed English language education and what benefits people gained through these years. From the scientific works by S.Lazzat, Dr.Bipin B. D., John Benjamins B.V., Ertugrul P., Linda D'Argenio, Amy Lightfoot, Jeong-Bae Son, Pham T. N. [2], related to technologies and enhancing English lessons, it was investigated that the usage of AI tools nowadays have been rapidly increasing and therefore, students have less problems during the L2 comprehension period. Nevertheless, certain percentage of students refers to those, who struggle with time-management and permitted doze of Artificial Intelligence impact [6]. In inexperienced hands, eye-catching tool can transform into time-wasting machine full of imaginary-based friends and other attractive information[51] which causes absolute isolation from the reality. As a result, if a machine could teach English, perhaps we wouldn't need English teachers in the classroom or English education [5]. This raises philosophical debates about the nature of the mind and the ethics of creating artificial beings with human-like intelligence, issues that have been covered by myth, fiction, and philosophy [1].

Despite the listed above, with the advancement of technology and platforms, learning English has gotten simpler. Artificial intelligence technology provides the chance to enhance English linguistic competence [3].

RESULTS AND DISCUSSION

With the help of numerous aids, the profession of EL teacher is dying out and we can bet on that one day these programs will be the main facilitators and coaches for students and adults. Learning has never been that easier to embrace the whole process of understanding and successful foreign language maintaining. According to Madhugiri (2024), artificial intelligence (AI) is a technology that allows a computer program to learn, reason, and act on its own. It's a machine-to-machine emulation of human intellect that makes them do things that humans normally do. In simplest terms, AI refers to a device's ability to function similarly to human intelligence and perform tasks that humans would perform [4]. Imagine the ordinary L2 lesson without any additional online sources and the teacher demands his students to learn a new theme, using papers or the blackboard, that feels way too unrealistic as our generation has been substantially used to digital tools. Artificial intelligence may comprehend some elements of the human intellect, including speech comprehension, linguistic awareness, decision-making, and visual perception [3]. Mainly, it can be used as a basic source for studying the second language; honestly, in some cases the leadership of AI is stronger than proficiency of teacher-centered class, where the pedagogue tries to involve students and "upgrade" their knowledge by preserving routine tasks

[51] Sometimes AI chatbots contain additional notifications from human-like boyfriend/girlfriend/best friend, horoscope and etc., which is very distractive if was chosen solely for educational purposes.

(training writing and reading via textbooks and paper materials). EL teachers tend to argue whether children should or shouldn't put the task-achievement through ChatGPT or will it leave negative consequences during the period of learning.

On the other hand, particular aspects of English will be inside the human brain – one might learn about basic construction of sentence or combination of words, translate word from his native language to L2 and be familiar with traditional grammatical terminology. According to John Benjamins [2], no one has to remind you that translation is an art, not a science, there's no "correct" translation as it is a human skill – not a mechanical. The deployment of Artificial Intelligence into the educational system has to be processed carefully under observation of the pedagogue. To apply science and technology for effective teaching and learning is still a problem that needs to be researched to come up with an optimal solution [1].

The next will be given a table of comparison between pros and cons of AI that was investigated by Madhugiri [4] to present the evident statements of its workability.

Advantages of AI (Artificial Intelligence)	**Disadvantages of Artificial Intelligence (AI)**
AI is highly accurate and its use reduces human error	AI increases human dependency on machines which can lead to laziness.
AI allows automating repetitive tasks in different industries	AI implementation requires businesses to invest in advanced infrastructure and training the employees which makes AI expensive.
AI can easily handle and process Big Data	AI implementation can likely cause an increase in unemployment as AI systems can perform work of multiple human workers at once
AI can fetch insights faster from processed data which allows faster Decision-Making. AI also has continuous availability and does not require breaks like humans.	AI uses a set of algorithms for predictions which makes AI systems practical. These are less creative and innovative in challenging situations.
AI-powered Digital Assistants can easily interact with customers and reduce workloads of customer service staff by resolving customer queries through chats.	AI cannot understand emotions which is a key aspect in sales and marketing
AI can uncover trends and patterns from a given dataset faster than humans which makes AI suitable for decision-making.	-
AI systems can assist organizations in designing and improving processes as well as workflows	-

Using artificial intelligence (AI) in different areas has many benefits and some drawbacks, as shown in the comparison of pros and cons. AI's high accuracy, ability to handle repetitive tasks, and skill in managing Big Data can change industries by reducing mistakes and improving decision-making. AI systems, like digital assistants, make work more efficient and lighten the workload, showing how much AI can improve operations.

But, using AI also has challenges. Relying too much on machines can make people lazy, and setting up AI requires expensive infrastructure and training. Also, AI might lead to more unemployment since it can do jobs that people usually do. AI's reliance on algorithms, which lack creativity and emotional understanding, limits its use in areas like sales and marketing that need a human touch. Balancing these pros and cons is important for successfully using AI in various fields. Future research should look into creating models that combine AI's strengths with human skills. Making sure AI supports human workers instead of replacing them can help us get the benefits of AI while solving ethical and practical issues. A careful and thoughtful approach to using AI can increase productivity, drive innovation, and benefit society as a whole.

CONCLUSION

TILSHUNOSLIK

In conclusion, the integration of artificial intelligence (AI) into English language education has brought about profound changes, offering both remarkable benefits and significant challenges. AI technologies have revolutionized language learning by providing high accuracy, automating repetitive tasks, and effectively handling vast amounts of data. These advancements have made learning English more accessible, engaging, and efficient, particularly through AI-powered tools and platforms that cater to individual learning needs and preferences.

However, the journey is not without its hurdles. Over-reliance on AI can lead to a decrease in human effort and creativity, while the implementation of these technologies requires substantial investment in infrastructure and training. Additionally, there is a real concern about the potential increase in unemployment and the limitations of AI in understanding and replicating the emotional and cultural nuances essential in language education.

Despite these challenges, the future of AI in education looks promising. It is crucial to strike a balance where AI complements and enhances the role of human educators rather than replacing them. Teachers bring invaluable insights, emotional intelligence, and creativity that AI currently cannot replicate. Therefore, a hybrid approach, leveraging the strengths of both AI and human teaching, can create a more dynamic and effective learning environment. Future research should focus on developing such balanced models, ensuring that AI supports and augments human capabilities. By doing so, we can harness the full potential of AI to enhance educational outcomes while addressing ethical and practical concerns. A thoughtful and measured approach to AI integration in education promises to drive innovation, improve productivity, and ultimately enrich the learning experience, benefiting students and society as a whole.

REFERENCES

1. Pham Thanh Nga, Using Artificial Intelligence Applications For Teaching and Learning Foreign Language: Facts and Solutions, 2022

2. Dr.Bipin Bihari Dash, Digital Tools for Teaching and Learning English Language in 21st Century, 2022; Seri Lazzat, Implementation Of Digital Interactive Technologies And E-Learning Tools In English Language Teaching For The Development Of Translators' Professional Competences, 2018; John Benjamins B.V., Computers and Translation: A translator's guide, 2003; Ertugrul Portakal, Top AI Tools To Learn A New Language, 2023; Linda D'Argenio, 8 Ways to Use AI to Teach ESL Reading, 2024; Amy Lightfoot, Artificial intelligence and English language teaching: Preparing for the future (British Council), 2023; Jeong-Bae Son, Artificial intelligence technologies and applications for language learning and teaching, 2023

3. Zanyar Nathir Ghafar, The Role of Artificial Intelligence Technology on English Language Learning: A Literature Review, 2023

4. Devashree Madhugiri, Advantages and Disadvantages of Artificial Intelligence (AI), 2024

5. Shin, M.-H. (2018). How to use artificial intelligence in the English language learning classroom. Indian Journal of Public Health Research & Development, 9(9), 557. https://doi.org/10.5958/0976-5506.2018.01058.6

6. Rajabova N., The Impact Of Technological Innovations On Educational System, 2024