



THE INTERSECTION OF TECHNOLOGY AND LANGUAGE IN THE DIGITAL AGE

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Abstract: *In our era the impact of the innovative technologies is indispensable in teaching foreign languages. It is fact that we can not imagine our daily classroom without any use of technological devices. Therefore, in this article the impact of the technology in language use will be discussed.*

Key words: *digital world, language, technology, evolution, global connectivity, communication, wireless network, multilingualism, machine translation*

In today's developing digital world, language and technology are becoming inherently linked, as technology cannot exist without communication, which has affected language in many ways. From the invention of writing systems to the development of artificial intelligence, technology has continually shaped the way we communicate and understand language. This article explores the mutual revolution of technology and language by highlighting advancements in technology have revolutionized the way we use language to connect with people around the globe.

Evolution of Technology and Language:

The progress of language and technology are inherently intertwined. As all technological feats would have required vast amount of language to bring into existence, human language, perhaps one of our most fundamental tools, has been pivotal in the development of technology. Conversely, technology has also influenced the evolution of language. The rise of digital communication platforms, such as email, social media, and instant messaging, has led to the emergence of new linguistic conventions, shorthand, and expressions. Terms like "tweet," "emoji," and "selfie" have become ingrained in our everyday lexicon, reflecting the influence of technology on language.

Telecommunication Technologies and Global Connectivity:

The development of telecommunication technologies such as the telephone and radio transformed how we communicate over long distances, breaking down geographical barriers and facilitating the spread of language across borders. Real-time communication became possible, allowing people to connect and interact in ways that were previously unimaginable. Telecommunication technologies played a key role in fostering global connectivity and cultural exchange, enriching our understanding of different languages and traditions.



«Wireless communication networks are diffusing around the world faster than any other communication technology to date. Because communication is at the heart of human activity in all spheres of life, the advent of this technology, allowing multimodal communication from anywhere to anywhere where there is appropriate infrastructure, raises a wide range of fundamental questions. Are mobile phones expressions of identity, fashionable gadgets, tools for life—or all of the above? Mobile Communication and Society looks at how the possibility of multimodal communication from anywhere to anywhere at any time affects everyday life at home, at work, and at school, and raises broader concerns about politics and culture both global and local. » (Castells, Manuel, et al. Mobile Communication and Society: A Global Perspective.)

The Internet and Digital Communication:

The proliferation of the internet has democratized access to information and communication, reshaping how we interact with language in the digital age. Social media platforms, instant messaging apps, and online forums have become virtual spaces for linguistic innovation and expression, enabling individuals from different linguistic backgrounds to connect and engage in meaningful conversations. Today our communication facility has updated itself and here are some benefits given below:

- Provide better communication facilities
- Cheap communication facilities
- It saves our time and effort

Future Outlook:

As technology continues to advance at a rapid pace, the future of language communication holds boundless potential for innovation and growth. From the integration of virtual reality and augmented reality into language learning platforms to the development of neural interfaces for direct brain-to-computer communication, emerging technologies are poised to revolutionize how we interact with language in ways we have never imagined. The symbiotic relationship between technology and language will continue to drive linguistic evolution, shaping the way we communicate and connect with one another in an increasingly interconnected world.

Machine Translation and Multilingualism:

Advancements in machine translation technology have paved the way for seamless cross-linguistic communication, making it easier for individuals to interact and collaborate across language barriers. «Although the first systems of MT were built on the first computers in the years right after World War II, the history of MT does not begin, as often stated, in the 1940s, but some hundred years ago » (Daniel Stain « Machine translation») by making individuals life more convenient. From automatic translation tools to multilingual chatbots, technology has bridged the gap between languages, facilitating global dialogue and fostering a more inclusive and interconnected world. The ability to communicate in multiple



languages has become a valuable skill in today's globalized society, opening up new opportunities for cultural exchange and collaboration.

In conclusion, the fusion of technology and language has redefined the way we communicate, breaking down barriers and fostering greater connectivity among diverse linguistic communities. From digital platforms to AI-powered language processing systems, technology has revolutionized how we interact with language, opening up new possibilities for cross-cultural exchange and collaboration. As we look towards the future, the synergy between technology and language holds the promise of a more inclusive, empathetic, and interconnected society where communication knows no bounds.

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