Professional Work in the Era of Chat GPT

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Abstract:

Purpose: The article focuses on evaluating the impact of artificial intelligence on the job market, with a specific emphasis on the role of the Chat GPT tool. This virtual assistant has the ability to generate real-time responses to a wide range of questions, making it highly versatile in many aspects of daily life. The skills possessed by this bot open doors to solving various problems and automating repetitive processes. However, there are limitations and inconveniences associated with using Chat GPT, such as the limited database currency of the GPT-3.5 model and the potential for generating incorrect answers. Additionally, the article highlights the importance of privacy concerns when using Chat GPT. Ultimately, the analysis of the article focuses on examining both the benefits and potential challenges associated with integrating Chat GPT into people's professional endeavors. The aim of this paper is to present the concept of Chat GPT and its impact on various professions.
Design/Methodology/Approach: The article employed the following methods: literature review and analysis of the impact of the Chat GPT tool on the job market. The focus was on examining various perspectives and considering the main concepts related to Chat GPT.
Findings: Based on the conducted analyses, it was determined that Chat GPT has assisted professionals in their work, but at this moment, it is not capable of replacing humans in their respective occupations.
Practical implications: The results presented in the article hold significant practical implications for the readers. Furthermore, the outlined benefits and inconveniences of using Chat GPT may contribute to raising the awareness of recipients in the context of Artificial Intelligence. Emphasizing the conclusions can be valuable for recipients in the context of their respective professions, aiding them in enhancing the efficiency of their work.
Originality/value: This article stands out by offering a fresh perspective on the presented issue. The uniqueness of this study lies in its innovative approach, enabling substantive conclusions regarding professional work in the era of Chat GPT. Furthermore, its value is particularly significant for the academic community, offering new insights that can inspire further research in this field.

Keywords: Artificial intelligence, AI, Chat GPT, Chatbot, virtual assistant, Algorithm, Natural language processing, Chatbot.

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1.   Introduction

In the 21st century, the development of computer technology is progressing at an astonishingly rapid pace. Month by month, IT companies compete to present the world with increasingly newer projects aimed at simplifying human daily tasks. This exact goal was taken on by OpenAI, managed by Sam Altman, when they introduced the chatbot - Chat GPT.

This innovative system, utilizing advanced natural language processing technologies, has opened new horizons in interactions between humans and machines, becoming both a subject of interest and study for many scientific fields and business sectors.

2.   What is Chat GPT?

As the name suggests, Chat GPT is a platform that relies on advanced artificial intelligence for its functionality. Thanks to this, users can interact with this tool through text-based interactions. Those using this medium have the ability to ask questions, create content, and engage in dialogues with the bot.

Chat GPT strives to generate responses in a coherent and understandable manner, relying on the database it is connected to and the patterns that have been processed during the training process (Olasik, 2023).

The main goal of the manufacturer was to provide society with a tool capable of creating personalized responses to posed questions. Equally important was to enable as many people as possible to use this software, which is why the decision was made to provide it free of charge. Since November 30, 2022, users have been able to enjoy the opportunity to test out the new features, as that was when the global premiere of Chat GPT took place .

3.   OpenAI Sets a New Record

Artificial intelligence is a relatively new technology, which has contributed to a sharp increase in interest in recent times. The desire to familiarize oneself with innovations has led to a significant rise in the number of people testing Chat GPT. This, in turn, has enabled OpenAI to achieve new records in the number of registered users.

Thanks to these achievements, OpenAI could boast the record of reaching one million users on its platform in the shortest amount of time. The team under the leadership of Sam Altman was able to celebrate this accomplishment just five days after the launch of Chat GPT. When compared to other giants like Facebook, Instagram, or Spotify, this result is undeniably impressive.

It is worth noting that Facebook reached its first million users in 10 months, Spotify in 5 months, and Instagram in just under 2.5 months.

As time went on, the topic of artificial intelligence did not lose its appeal. This paved the way for the emergence of new areas and opportunities to harness the potential of Chat GPT.

4.   Capabilities of Chat GPT

Chat GPT is an AI-powered chat that is capable of generating real-time responses to questions. With its extensive database, Chat GPT provides support in various aspects of daily life. It has the ability to solve diverse problems, from everyday situations and complex logic puzzles to mathematical tasks and programming challenges, making it versatile and helpful in many fields.

By implementing natural language processing capabilities, this virtual assistant has the ability to translate texts into different languages. Another interesting aspect is its ability to retain conversation context, which is essential for engaging in dialogue with the machine. This feature can be used, for example, during language learning, by asking Chat GPT to assume the role of a cousin living abroad. Learning through practice is undoubtedly more absorbable for the human mind; consequently, students can develop their language skills more quickly in this way.

However, that's not all. In the realm of education, Chat GPT can assist students in understanding unclear concepts and analyzing complex texts. This can contribute to an increase in their learning effectiveness, broaden their intellectual horizons, and cultivate a clearer way of thinking.

Chat GPT also finds applications in automating various processes. It can generate reports, create marketing content, and analyze certain procedures, significantly expediting and facilitating business operations. Furthermore, the ability to use Chat GPT as a virtual customer service assistant means it can respond to customer inquiries in real-time, automatically enhancing service quality.

Thanks to its versatility, Chat GPT brings tremendous potential for improving the quality of life and the efficiency of human actions, benefiting both personal and professional spheres. Nevertheless, it is worth considering how Chat GPT will impact the job market and workplaces.

5.   Artificial Inteligence and the Job Market

Taking into account the capabilities offered by the bot, many people have started to worry about the potential loss of their jobs. A significant portion of these individuals are those working in the IT industry, especially programmers. At this moment, Chat GPT functions surprisingly well, although it is not without its flaws, such as

generating incorrect responses. Many tasks still require human intervention, including activities like code design, project management, requirements analysis, and code writing strategy development. This highlights how programmers play a crucial role in software development.

Looking at it from another perspective, both Chat GPT and similar AI-supported programs can assist programmers in executing certain tasks more quickly and effectively, such as documenting code or providing answers to simple questions. In this way, artificial intelligence can help programmers save time and focus on more advanced tasks. At this moment, programmers are not at risk of being replaced by Artificial Intelligence, but what about other professions?

Despite the fact that Artificial Intelligence in the form of Chat GPT surprisingly excels at editing various texts or publications, it cannot replace the work of an editor. An editor's job involves thorough research and meticulous use of gathered information.

An indispensable task for an editor is also providing a human perspective on a given matter in the editing process. Creativity and the ability to analyze context are elements that allow an editor to extract deeper meaning from content and tailor it to a specific audience.

Similarly, in professions like teaching, medicine, and law, the influence of artificial intelligence in the current phase of technological development remains relatively limited. In these fields, specialized knowledge and interpersonal skills play a crucial role and are extremely challenging to automate. With this in mind, it's worth noting that the role of a teacher is not just about imparting knowledge, but also recognizing individual students' needs, adapting teaching methodology, and providing support. All of these elements are crucial for effective education.

Likewise, doctors, during the diagnosis and treatment of patients, rely on a precise analysis of symptoms and medical history. Interacting with the patient requires the skill of empathetic compassion, which is hard to replace with algorithms.

Lawyers, apart from having extensive knowledge, often deal with cases that are much more complex than they may seem at first glance. Interpreting and applying the law in the context of specific situations requires a deep understanding of the context and argumentation skills.

All of these professions share a common denominator - the need to understand and appropriately respond to subtle emotional signals and individual needs of each person. This requires not only exceptional sensitivity and empathy, but also developed communication and social skills that currently go beyond the capabilities of Artificial Intelligence. At this moment, artificial intelligence is not capable of replacing people in their professions, but ultimately, that is not its purpose.

Chat GPT was created to assist people in their daily tasks and improve their efficiency. Nonetheless, the future may bring us further innovations, and Artificial Intelligence may surprise humanity with its achievements in certain fields.

6.   Inconveniences Associated with Chat GPT

Collaborating with Chat GPT brings many benefits; however, there are also certain inconveniences worth analyzing.

The first aspect that needs to be discussed is the awareness that the results displayed on the screen are not the product of a human being, but a machine . Being aware of this is particularly important when gathering information on a specific topic because, at this moment, Artificial Intelligence is unable to distinguish between truth and falsehood. Consequently, one can be misled very quickly.

Moreover, Chat GPT's responses can contain inaccuracies and still sound like credible information. This perception can be further influenced by the fact that the virtual assistant is capable of supporting its work by citing non-existent sources of information from which it supposedly drew knowledge. This issue pertains to Chat GPT, operating based on the GPT-3.5 language model, which is a free version of the program.

This inconvenience has been improved with the arrival of the GPT-4 model, which differs from its previous version in its ability to gather information from the Internet. Nevertheless, sporadic issues related to this inconvenience still occur. Another limitation of Chat GPT is the database to which the virtual assistant is connected. Artificial Intelligence lacks the ability to provide answers to questions about current events.

Chat GPT, operating based on the GPT-3.5 model, has access to materials collected up until 2021. Therefore, it is unable to provide information on events that occurred after that year, such as Elon Musk's acquisition of Twitter or Argentina's victory in the 2022 FIFA World Cup.

Another noteworthy aspect is the risk that this algorithm may interpret certain issues too literally. As a result, responses generated by Chat GPT may be inadequate or even misleading for users.

It's also worth mentioning the privacy aspect. Chat GPT is a constantly evolving tool that learns from interactions with users. Consequently, there is a risk associated with the possibility of developers, who are working on improving this tool, being able to access the conversations conducted with Chat GPT.

7. Influx of Information and the Development of Chat GPT

Considering the potential of machine learning and the substantial interest in the Chat GPT platform, it is capable of evolving day by day. What exactly is machine learning? In English, machine learning involves enabling a computer to learn from data and experiences without the need for direct programming.

As a result, the algorithm used in the virtual assistant is tasked with recognizing certain patterns, and then applying them to make decisions or predict outcomes for new data. By analyzing millions of questions coming in every day, artificial intelligence is able to generate responses at an increasingly faster pace, which positively impacts the experience of working with the virtual assistant.

Additionally, advanced machine learning algorithms allow the virtual assistant not only to recognize patterns but also to adapt to changing user needs. This enables the Chat GPT platform to tailor its responses to individual preferences and specific contexts, significantly enhancing the utility of this tool.

Furthermore, the growing interest in this technology signifies immense potential for development in the field of artificial intelligence. Through continuous improvement, the virtual assistant is becoming increasingly effective, making its use even more satisfying. As a result, Chat GPT has become an invaluable tool in various areas, enabling efficient and productive work in different aspects of daily life.

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