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HOW AI WILL AFFECT MODERN PROFESSIONS

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Annotation. We all like to think about future. How would our world change after several decades? How will the growth of population affect our life? This example is bad, because it is realistic. Future is… Future. When people think about the word «future», they will imagine something unreal, things that considered to be absurd or just too complicated to achieve in the current state of scientific researches. There are even few «cliché» ideas of inventions in future. For example, flying cars, cure for cancer, artificial intelligence, space ships to explore the eternity of our galaxy… This won`t be invented soon. So I thought.

Keywords: artificial intelligence, Chat GPT, chatbot, modern professions, future, affect.

Introduction. Would you believe me at the beginning of this autumn that by the end of November humanity will have such a powerful tool like ChatGPT? I think that everybody from countries that have internet in public domain has heard about this artificial intelligence. Maybe there is a small chance that you haven't heard about it. Well, before I tell you more about this topic, let's look at some statistics that prove that ChatGPT IS built different. The first evidence of it could be found by looking through people using it. It took 4 years and 6 months to get for Facebook to million users. It took two years and 6 months to get for Instagram to million users. It took Pinterest 5 months to get 1 million users. It took ChatGPT only 5 days to achieve its first million.

Main part. Well, what is exactly ChatGPT and why is it so popular? ChatGPT is an artificial intelligence chatbot that has a potential to do everything. It is still in beta (not a big surprise, not even 4 months has passed after the release), but already can do almost everything you need. It can write essays for you, it can solve simple and even some difficult subject's problems, it can write you an advice where to go for your first date, and the ideas it provides are more human and already better than any advice from theme-connected sites. ChatGPT can give you advanced information that normally you would seek for hours. It singlehandedly replaces thousands of Wikipedia-like sites. It is like having one big key for everything you need instead of hundreds of keys specifically for every lock. Here's the KEY for its popularity, it's just really useful in almost every sphere you can imagine. Some people think that ChatGPT and AI in general would replace a lot of digital professions. It is truth, some professions will be wasted forever, but not in the way many people think.

The first profession that will be affected is the profession of a writer. Not in the way you think, because only beginners will be affected. Speaking honestly, the profession of being a writer has already been slowly dying under the influence of modern technologies. Almost every book can be got free, because writers has no such powerful technologies to prevent copipasting. If AI is developed, all types of writers will be affected. Famous and talented creators will just have new tools to get creative ideas, but generic and not obsessed with their work will vanish, as artists nowadays. To get something, your painting or a book should differ from grey masses, and making your story wonderful is only your job. If you can fascinate your readers by your own ideas or, for example, your style, you will be remembered and you WILL achieve success even in the era of AI [1].

Talking about artists, I've already told what aspects will be affected. What should we talk about, if one of the biggest competitive painting contest was won by AI-generated work? It was still a really hard work for the programmer, but the fact is that the painting was done by creative ideas and strings of code. But, still, even if it was hard to make money from paintings even before AI introduced, and after its appearance the process has become even harder, by following your style (IF IT REALLY DIFFERS FROM AI) you can contain your work praised and respected. But there we were talking about some ancient professions that contain more creative work that mechanical one. Let's talk about programmers, the most popular and overrated profession of the 21st century.

How will coders be affected by coded AI? It looks more like a silly joke, how the creators of something so sacred like code will be affected? But the answer is yes. That AI bot I was talking about, ChatGPT, will become even better in future. Right now, it can do simple operations with code that are more suited for students that explore the mysterious world of programming. But even that is enough to throw a lot of half-time freelancer workers out of condition to make money from people that know nothing about how to code. Why should you pay a lot of money for a person that will do some unknown to you operation when you can just have all of this code free? Yes, it will be complicated to understand what you want from soulless program and you still need to have basic knowledge about the code you've got, but the work will be far easier and, more important, cheaper. And, in the end, this code will work. The solution is crystal simple. You need to know something more complicated and something that includes far more conditions to work with. A really good programmer will never be replaced by AI, because he'll know far more. These knowledge pieces should belong to deep-dive knowledge, not wide-open tasks. All programmers will never know all the algorithms, so the key is to have starvation to knowledge. Evolve with AI, and you will become irreplaceable [2].

However, the profession that will surely die is the online consultant. I'm talking about people that claiming orders for some food restaurants or different companies. AI will always be better in these simple jobs of just sending or claiming some messages. It is just harder, faster, better, stronger. Jokes aside, but some messages of declinement (for job resumes, for example) are more human-looking that the message that was written by the person. Even cashiers can be replaced completely at some stage of progress. Only high-qualified workers will remain, because AI has no leader aura, as it has no crisis-protected motivation.

Conclusion. the progress is inevitable. We will never return to the stone age, only by force, of course. If the whole world is connected by one target, if scientists and experts from all over the world work together to achieve better life for the people that has no possibilities to improve themselves, our planet will become a better place to live. If the human race from the beginning had been replaced by AI, we wouldn't have artists, musicians, even guitarists, pianists, teachers, because everyone would be born perfect. We need to remember, that artificial intelligence will not help us to fix our personalities, it will not make decisions we want, it just will get us a better practical solution. We are cursed to be pupils of live forever. We are blessed with the obsession with knowledge. The AI, in ideal world, will help us achieve the progress that is healthy to humanity. AI will not replace our motivation to be better, but it will be a tool that will help us surpass our flaws.

If we really want to make the world a better place, we should acknowledge that our fate is only in our hands, our dream is achievable.

References

1. *Introducing ChatGPT [Electronic resource] – OpenAI, 2022. – Mode of access : https://openai.com/about – Date of access : 3.03.2023.AI Superpowers / Kai-Fu Lee / China / 272p.*

2. *Artificial Intelligence: A Modern Approach [Electronic resourse] - Stuart Russell,1995. - Mode of access: https://aima.cs.berkeley.edu/ - Date of access: 15.03.2023.*