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AI IN STUDENT'S LIFE

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Annotation. This article examines how artificial intelligence is changing student life by providing personalised learning through adaptive platforms. It highlights AI's benefits, making education more accessible and effective, preparing students for exams and improving skills. Quizlet, LeetCode and HackerRank are cited as examples that demonstrate the role of AI in learning to code.

Keywords. Artificial intelligence, student life, self-education, effective tool.

Introduction. The idea of creating artificial intelligence has been around for a long time. In fact, the concepts that led to the first programmable computers emerged from mathematicians' attempts to understand human thought – particularly logic – as a mechanical process of «symbol manipulation». In the early 2000s, machine learning was employed to address numerous problems in research and business. This progress was enabled by more powerful computers, large datasets, and advanced mathematical methods. A new era of AI began in 2020 with the public release of scaled large language models (LLMs) such as ChatGPT. Today, OpenAI has introduced Generative Pre-trained. Transformer 4.5 (GPT–4.5), an advanced AI language model with a deeper understanding of the world. AI has become a groundbreaking force, redefining traditional education through innovative tools and personalized learning experiences.

Main part. Let's discuss the advantages of AI in students' lives. One of AI's most transformative contributions to self-education is its ability to deliver personalized learning experiences. Unlike conventional one-size-fits-all approaches, AI-powered platforms adapt to individual learning styles and preferences. Algorithms can analyze a learner's progress and adjust the difficulty of content in real time. It is similar to a lesson with a tutor, but even better in some ways. These tools are available anytime, making learning flexible and convenient. Additionally, many AI learning platforms are free or significantly cheaper than hiring a tutor.

Students preparing for exams or enhancing specific skills often rely on AI tools to optimize their efforts. Applications like Quizlet use AI to create personalized study plans and flashcards, making memorization more efficient. Similarly, platforms such as LeetCode and HackerRank are widely used by students learning programming, as they provide AI-driven coding challenges tailored to different skill levels.

The integration of Artificial Intelligence (AI) into everyday tasks has also revolutionized how organizations manage their daily operations. For example, AI-powered tools can handle tasks such as sorting emails, managing calendars, and even generating reports with minimal human intervention. AI has significantly improved administrative tasks, making them faster, more accurate, and easier to scale. It automates routine work and provides useful insights, helping organizations work more efficiently and achieve their goals. However, to fully benefit from AI, it is crucial to address ethical issues and use it responsibly. This tool is incredibly powerful in experienced hands. It can be used as a tool for generating ideas. For example, when I need to create a database for a laboratory assignment at university, I first spend some time thinking about the task. After that, I ask ChatGPT for assistance, and it provides me with a list of unique ideas. While this method may hinder creativity, it can significantly save time for more important tasks. Also, you can effortlessly generate pictures, information, ideas, and presentations for any purpose. I use it quite a lot. There are countless examples of its capabilities. I'm absolutely fascinated by AI-generated pictures. Sometimes, it produces gorgeous, bizarre, or thought-provoking images. What I find most captivating is the uniqueness and originality of the results (shown in Figure 1). I am

absolutely certain that many students are already using it. This approach is a straightforward and engaging way to discover exactly what you need.

Figure 1 – The pictures generated by AI

AI can be both a blessing and a curse for students. It may become a powerful tool if used wisely, but it can also be harmful when misused. What do I mean by this? One of the most significant drawbacks of AI is that students may become overly reliant on it. Tools like AI-powered essay generators, calculators, and research assistants make tasks easier, but they can also lead to a decline in critical thinking and problem-solving skills. Instead of engaging deeply with their subjects, students might rely on AI to complete their tasks, ultimately hindering their intellectual growth.

Another concern is internet security. AI applications often require the collection of personal data to function effectively. For students, this raises concerns about privacy and the potential misuse of sensitive information. Such risks can lead to distrust in digital tools and create a sense of vulnerability.

Why Should Students Verify AI-Generated Information? AI, while powerful, is not infallible and can make various mistakes due to its inherent limitations. Common types of mistakes include:

— misinformation: providing incorrect or misleading data;

— lack of Context Understanding: misinterpreting nuances or subtleties in a topic;

— technical Errors: encountering issues that lead to incorrect outputs;

— students can use AI effectively by treating it as a tool to complement their learning. For example;

— use AI to break down complex topics. AI can simplify explanations, provide summaries, or create analogies to help grasp difficult concepts;

— when stuck, students can use AI to brainstorm ideas for essays, projects, or presentations;

— beyond academics, AI can support mindfulness apps, fitness tracking, and hobby development, promoting a balanced lifestyle.

Conclusion. Artificial intelligence has become an important tool in the lives of today's students, offering powerful opportunities for learning and organization. However, using AI requires responsibility. To maximize the benefits, students should keep in mind key precautions: critically evaluate results, check the accuracy of the information provided, and not depend entirely on AI while maintaining their own contribution to the learning process.

The benefits of AI include automation of routine tasks and time savings. However, the disadvantages, such as possible algorithm errors and the risk of losing independent thinking skills, require careful consideration. The basic rule of thumb when working with AI is to use it as a supporting tool, not a substitute for one's own intellectual activity. Only a balanced approach will allow students to effectively integrate AI into their lives, achieving success without losing their critical thinking and independent thinking skills.

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