

ARTIFICIAL INTELLIGENCE IN EDUCATION: UNMASKING ITS IDENTITY AND PURPOSE

by:

Cindy Mae T. Marquez

Teacher II, Nagbalayong National High School

Revolution does not just happen around the sun. It also happens as we currently set foot on the new world of limitless possibilities offered by the fast-phased power of technology.

According to Gregersen, even before the beginning of our own species, the history of technology already began. Each century then unfolds to a new transformation from the simplest technology up to the present's most advanced one harnessing the innovation of the past, the present and the future.

With the drastic development of technology, all aspects of humanity adjusted both positively and negatively. Though it is proven to provide ease and convenience, there are some flaws into its entangling strength within its borderless scope.

AI technology as defined by Investopedia (2024), allows computers and other machines to simulate or combine human intelligence and problem-solving activities. It is widely used in all branches of science to help humans accomplish simple and even complicated tasks.

One area that primarily benefitted from the advantages of technology is the education highlighting its academic learning and its processes. With the Artificial Intelligence or AI in the system of learning, both educators and learners can be overwhelmed by the assistance it could offer anytime, anywhere.

The arrival of AI (Artificial Intelligence) and its fusion with the teaching-learning process is not just a mere innovation but a 360 degrees transformation of the entire education system. (The College for International Studies, 2023)

Through its utilization and implementation, it allowed everyone in the academe to have a personalization of immersive learning experience, easier workload for administrative works, provided accessibility and offered continuous assessment to better monitor the student's learning skills and progress. It can also improve the student's engagement and motivation in their learning process and integrates learning and intelligent tutoring system.

However, as it becomes more accessible worldwide, it can also have some clear and evident disadvantages especially if learners are not responsible in managing and utilizing its power.

According to Clugston (2024), the very first disadvantage of AI is that it involves vast amount of personal data which entails that there will be some data privacy issues. In terms of its consequences in learners, teachers nowadays would agree that most students are now over dependent on technology. Due to its great convincing power among all learners, they tend to lack human touch leading to dehumanized learning experience. There is also a huge risk of cheating when AI is implemented in the classroom. As it still evolves, teachers fear that it would cause a teacher job displacement and eventually replace the real-life human interaction between the teacher and the learners.

As the world we live in transform itself broadly using various kinds of technology, people should learn how to set limitations and boundaries in order to make the human-technology collaboration successful positively benefitting both the educators and learners.

References:

Gregersen, Erik. "History of Technology Timeline." Encyclopædia Britannica. <https://www.britannica.com/story/history-of-technology-timeline>.

Team, The Investopedia. "What Is Artificial Intelligence (AI)?" Investopedia. Accessed October 20, 2024. <https://www.investopedia.com/terms/a/artificial-intelligence-ai.asp>.

Rmontalvo. "The Benefits of AI in Education - CIS University." CIS University - EN, October 3, 2023. <https://www.cis-spain.com/en/blog/the-benefits-of-ai-in-education/>.

Clugston, Brendan. "Advantages and Disadvantages of AI in Education." University Canada West (UCW), July 19, 2024. <https://www.ucanwest.ca/blog/education-careers-tips/advantages-and-disadvantages-of-ai-in-education/>.

OMAD on a Student's POV: How Nutrition affects the Learning Process