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IF I COULD INVENT SOMETHING NEW

If I could invent something new, it would be a **perfect artificial intelligence detection system**. Although we already have artificial intelligence detection mechanisms, they are not performing as well as they should. The concept of artificial intelligence is still new and its developers are still yet to find their footing in it.

Artificial intelligence (AI) is the simulation of human intelligence processes by computer systems, usually powered by a series of codes. AI systems are designed to receive input (cues), process it, and then produce output based on the specific cues given. AI is used for different tasks, some of which include writing essays, creating images, and even solving mathematical equations. These AI capabilities are used by individuals of various age groups to the extent of being abused, making people too lazy to get creative and put things together on their own. The least of tasks is now being given to AI. This excess usage of AI to accomplish tasks is what birthed AI detection systems.

The AI detection system is a means of checking and balancing the excessive usage of AI. An AI detection system is used to identify if the content was created by humans or with AI. An AI detection system is also powered by AI itself. While the AI detection system is a wonderful initiative to check and balance the use of AI, certain lapses in it seem to be causing more harm than good, which is why I desire to invent a perfect AI detection system. It would be such that it is flawless and can recognise vividly whether a piece of content was generated by AI or not.

Speaking of lapses, American company Evolv's AI weapon detection system, designed to promote safety, failed to detect knives in a student's bag, which led to the stabbing of another student in the head, neck, face, and shoulder. Another not-so-fatal example is when famous African American rapper Kanye West posted an apology to the Jewish community for a statement he made in an interview that indirectly offended the Jewish

community. Kanye West had originally typed the apology out in English but used Google Translate to change it to Hebrew for Jewish people who didn't speak English, then he posted it on Twitter. A few days later, the popular news channel TMZ reported that his apology may have been AI generated with ChatGPT or Google Bard according to Scribbr's AI detector, when in reality it was only detected as AI because he used Google Translate.

Lapses like these are why I want to create a flawless AI detection system that can keep up with the constant evolution of AI—something that will detect if an image or video was made with AI or if a piece of text was translated or generated by AI—something that can accurately detect the shape of any item and deter any violent incident in a safe environment.