

The Analytical Paper: How Technology is rapidly advancing

As of now, technology is becoming more and more prominent in our lives, it is now nearly impossible to go a day without utilizing technology. If you use an alarm, take a shower, or use a kitchen appliance, you have used technology in a way. With how fast it is advancing, people are using it in the workforce to better their company or make their lives easier, one big way people use technology is the use of AI, which could basically be considered another head in the workforce. This sounds like it should be a great thing, not only is it more efficient to have another worker, you also don't have to pay them.

At the point we are now, it is starting to become common for people to either lay off workers for AI, or not hire anyone to begin with because of how easy and cheap AI can be compared to a human. It may even be used to harm someone rather than have a productive use, voice impersonation and video generation have become increasingly easier over the past few years. I believe there should be changes to how ai is used in the workforce because people are beginning to worry about losing their jobs, and having an even harder time searching for a new one.

(1) The first reason AI should be regulated is because there are certain careers that will be easily replaceable by AI. Although there are some jobs that will be human dominant longer than others, the job market still has many careers that can be ai dominant. Kelly from Forbes details that jobs like data analysis and media jobs like graphic design or advertising could soon be dominated by AI in the upcoming decade (2025). What makes these jobs replaceable is the fact that they are able to be automated, and that goes well with AI, as it is close to automation. The United Nations estimates that around 2.3% of the jobs in the workforce could potentially be

automated, however this does not include the jobs that were created because of new technologies (2025).

(2) The other reason as to why AI regulation is necessary, is the fact that it can be used for malicious intent. It has become incredibly easy to simply input an audio clip of someone's voice and be able to create any string of words using that person's tone. This is an obvious issue as now you could intentionally get someone fired or worse, because now you can have them say whatever you want and pose as them. A huge example of these cyberattacks is when people got fake calls from a fake Joe Biden encouraging them not to vote. Kevin Collier from NBCnews comments that the user behind this scam was fined for 6 million dollars, this event also led to AI generated robocalls being banned (Collier 2025). This one event shows how much AI impersonation could not only change the opinions of its victims, but the general viewpoint against one person, or an idea.

To conclude, I believe AI should be heavily regulated in the workplace because it will cause worry amongst people with jobs and job seekers alike, because at the rate it is advancing at, it will be able to replace a good portion of our jobs. The other reason is because of the malicious usage of ai that can be detrimental to the victim, and can even spread from them to people around them. Artificial Intelligence can still be very beneficial in the workforce, as stated before, it could be considered another head. However the usage of it so far is concerning enough that there has to be actions taken against it to prevent further harm. I am not certain that there is a clear way to truly control AI and make sure it does not have unintended consequences, however the many methods of discussion such as fines and other types of punishment are a good way to keep it from having an outburst.

References

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