Annotated Bibliography: Why robots may not be the future of the world

Naveen Kumar Ponnam

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Mike Thomas. (2021), The Future of Robots and Robotics

https://builtin.com/robotics/future-robots-robotics

This article says that the robotics industry is worldwide keeps innovating, combining artificial intelligence and vision and other sensory technologies.

This article discusses the important topic called is robotics good for the future, and it says that Robots will free human workers for more complex tasks, but also eliminate jobs for an estimated 120 million workers globally, and just in United states 11.5 million alone.

The best vision for a world that combines robots and humans is multiplicity, where the two work in tandem.

In this paper, the author wants to convey that the key to making robots more intelligent and more capable, is reliable data which allows robots to learn more on their own and deal with constantly shifting variables, such as oddly shaped or misplaced objects, without the need of human assistance

Ruth Aylett. (2021), Why there won't be a robot uprising any time soon

https://www.sciencefocus.com/future-technology/future-robots-society/

This article discusses majorly about our imaginations and fears, like robots are taking over our jobs, particularly in factories. Yes, we see lots of new factories, mainly in Asia, with assembly lines entirely operated by robot arms.

But these robots are fixed to the spot and very specialised; 90 per cent of the cost of the factory is in engineering the sort of predictable environment robot arms need to function, which is why we see new factories.

The author says that robot technology is being applied to stroke rehabilitation through small exoskeletons which helps people carry out repetitive exercises and could also some other activities include motivational conversation or video games.

In this article the author also discussed about the teleoperated robots, bomb disposal robots are the good example, when robots are sent into hazardous environments too dangerous for humans, teleoperation and local autonomy works well.

The author urges to say that we underestimate how our intelligence links to our physical interaction with the world through our body and its senses. When we look at a camera image, we understand what we see: the objects in it, and also their

context and meaning. We can add chatbot technology to a robot, but try a chatbot for any length of time and you will soon discover its limitations

Lanre Onibalusi. (2017), 5 Reasons Why Robots Will Never Fully Replace Humans

https://tech.co/news/robots-replace-humans-work-2017-08

This paper main intention is to bring out the strong reasons for the robots that will never be replaced by the humans.

In this article author discussed that robots don't understand the context for example if we take interpersonal communication, cultural norms and slangs to particular places. Robots are less suited for the analysis type work

One of the major concerns discussed in this article is that Human interaction is irreplicable while providing the customer service. Real human contact from customer service teams is becoming one of the leading differentiators in a competitive landscape, and also robots are lack of very much imaginative capabilities, they are not good with the anything that requires creative thoughts

In this paper the author also wants to convey that robots and automation are not entirely bad, they absolutely do have their place in the modern industry. As for robots completely replacing people in the workforce, well, we just don't see it happening.