

TOPIC: INVENTING A MACHINE THAT CAN TRANSLATE SIGN LANGUAGE IN REAL TIME

The 21st century is a time of unprecedented technological advancements, limitless innovations, and inventions that were beyond the imagination of our forefathers. Inventions are novel creations or innovations that solve problems, improve processes, or create new products or services.

As I ponder the challenges and difficulties endured by others, I remind myself that although inventions have solved many problems, there are still some left to be solved by you and me. If I could tap into the growing tapestry of human ingenuity, I would invent something of great value to my community, nation, and society at large. Therefore, if I could invent something new, I would create a device that can convert sign language to speech in real time.

I have observed that there is a great deal of difficulty in understanding the gestures of speech-impaired people, especially for those who are not fluent in sign language. Moreover, I have also observed that speech-impaired people have a higher risk of developing depression, anxiety disorders, trauma, low self-esteem, and frustration.

This is due to their numerous limitations, which include difficulty in expressing their thoughts, needs, and feelings, the inability to follow their dreams, dependence on others for daily tasks and decisions, difficulty in describing symptoms of medical problems, and many other challenges. Another reason for the anxiety disorders, trauma, frustration, and other issues faced by speech-impaired people is the social isolation, stigma, and discrimination they encounter in their daily lives.

The device would be useful to speech-impaired people in many ways. It would help them be more expressive and incorporate them into society. The device would reduce stigma and discrimination and help reduce personal prejudice. Most importantly, it would boost their self-confidence and self-esteem by allowing them to explore the world and pursue their dreams and passions.

Lastly, the device would help them make their own innovations because they are humans too. In respect to society, the device would help them contribute immensely in leadership, government, academics, science, sports, astronomy, arts, and many other fields.

In conclusion, a device that can convert sign language to speech in real time would go a long way in bridging the gap between sign language users and those who do not understand it, as it would make speech impairment a mild issue in society.

Thank you.

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