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the users requirements b 1 we will all be disappointed in 5g because 6g will look so much shinier it is always the case that a new wireless g is the most revolutionary ever right until the day it reaches deployment stage at which point it becomes a very imperfect technology that we must hurry up to fix with generation g 1 emerging technologies emerging technologies 10 years of top tech trends and how they ve changed the world oct 25 2021 genomic vaccine technology like the covid 19 mrna vaccines was in 2017 s list image reuters athit perawongmetha listen to the article from the printing press to instagram technological advances shape how people communicate humans communicate in various ways they have been writing to each other since the fourth millennium bce when one of the earliest writing systems cuneiform was developed in mesopotamia these days the internet enables people to send and receive understanding technology and how we can make better decisions about designing deploying and refining it requires capturing that nuance and complexity through in depth analysis of the impacts of different technological advancements and the ways they have played out in all their complicated and controversial messiness across the world 1 thz spectrum heats up talk of 6g last year we discussed the promise of huge swaths of bandwidth in the frequency frontier that ranges between 100 ghz and 1 thz along with a blend of new possibilities waiting up there not only in terms of bit rates but of high resolution positioning and imaging as well notable technological advancements in communication since the late 1800s include the telephone and related technologies like the answering machine and fax machine the internet and the cellular telephone jeff hancock phd director of the social media lab at stanford university discusses how this is affecting human communication including whether people are more likely to lie online whether the versions of ourselves that we present on social media are authentic how artificial intelligence infiltrates our text messages why video calls 1 process automation and virtualization around half of all existing work activities could be automated in the next few decades as next level process automation and virtualization become more commonplace by 2025 more than 50 billion devices will be connected to the industrial internet of things iiot mckinsey predicts you can use this visualization to see how technology developed in particular domains follow for example the history of communication from writing to paper to the printing press to the

telegraph the telephone the radio all the way to the internet and smartphones or follow the rapid development of human flight as we make technological advances new trends in communications emerge and often become the norm machine learning and artificial intelligence will have a significant impact on how we communicate chatbots currently field over 25 000 conversations per month

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