

How artificial intelligence is shaping the future of society

By [Maria Bartiromo](#), [Julia Limitone](#) | Published September 20, 2019 | [Technology](#) | [FOXBusiness](#)

From health care to the transportation industry, FOX Business' [Maria Bartiromo](#) looks at how [artificial intelligence](#) (AI) is shaping the future of society.

In February the U.S. government launched an [American AI initiative](#), which aims to stimulate AI development. The government's investments in unclassified R&D for AI technologies is up 10 percent since 2015 and for the first time in history, President Trump's fiscal year [2019 budget](#) requests to designate AI and unmanned autonomous systems a priority.

However, some say the problem is that [China](#) spends much more on AI investment and financing. In 2017, AI spending hit \$39.5 billion, with China accounting for 70 percent of the expenditures.

"AI is growing by leaps and bounds. We're using it to help control drones in the air, as well as on the sea," said retired four-star general Jack Keane. "In fact, I think their advancement is greater than ours."

[Palmer Luckey](#), the founder of Anduril Industries, a defense technology company that builds autonomous drones and sensors for [military](#) applications, believes that ethics put the U.S. at a strategic disadvantage.

"We're not willing to play dirty, we're not willing to let machines decide what targets to kill or not kill entirely on their own with no human supervision," he said. "Russia and China don't have a problem with any of those things."

AI is also changing society in other ways, like transforming the **health care industry**. The health care market is expected to grow from \$2.1 billion to \$36.1 billion in 2025.

IBM **CEO** Ginni Rometti said it can be used to potentially save people's lives. The company AI computer "Watson" to build knowledge on diseases from Parkinson's to cancer. IBM has been a big investor in health care, which is an industry in dire need of AI, she said.

"We've been working away on Watson for health, and in particular, we worked on oncology; we're now at 300 hospitals in over a 125,000 patients around the world where AI has helped doctor identify the diagnosis and the appropriate treatment," she said. "We are now at May Clinic, as an example, trained for clinical trial matching for breast cancer. Almost every patient goes through to see if there's a clinical trial, which is an example. So these are things that you didn't realize before how either infrequently they were done or not done with precision."

However, with the rise of AI also comes the fall of other types of jobs. According to a [report](#) Oxford Economics, by 2030 [robots](#) will displace 20 million jobs.


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Former [Google China](#) president **Kai-Fu Lee**, said within the next 15 years, 40 percent of jobs especially those that are routine and rely on data, including mortgage brokers, radiologist, eventually truckers, will be replaced.

"Routine white-collar jobs like customer service, telemarketing, loan officers and tellers and jobs like that will be the first to be challenged," he said. "Then repetitive blue-collar jobs like dishwasher, assembly line workers, and a little bit later, drivers, also will be challenged."

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