

3 ways artificial intelligence could enhance medical care and help us live longer

When it comes to the future of healthcare, perhaps the only technology more powerful than [CRISPR](#) is artificial intelligence.

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In this blog, I'll expand on:

1. Machine learning and drug design
2. Artificial intelligence and big data in medicine
3. Healthcare, AI & China

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What if AI systems, specifically [neural networks](#), could predict the design of novel molecules (i.e. medicines) capable of targeting and curing any disease?

Imagine leveraging cutting-edge artificial intelligence to accomplish with 50 people what the pharmaceutical industry can barely do with an army of 5,000.

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AI is especially powerful in analyzing massive quantities of data to uncover patterns and insights that can save lives. ... Every year, over 400,000 patients die prematurely in US hospitals as a result of heart attack or respiratory failure.

Yet these patients don't die without leaving plenty of clues. Given information overload, however, human physicians and nurses alone have no way of processing and analyzing all necessary data in time... .

As Nvidia CEO Jensen Huang has stated, "Software ate the world, but AI is going to eat software." Extrapolating this statement to a more immediate implication, AI will first eat healthcare, resulting in dramatic acceleration of longevity research and an amplification of the human healthspan.

Read full, original post: [AI Is Rapidly Augmenting Healthcare and Longevity](#)