



NEUROSCIENCE & AI

VIDEO TRANSCRIPT

Part 3

[00:00:06]

>> There's a big tendency right now to use artificial intelligence to substitute for what people are able to do. Sometimes economists talk about this difference between a substitutive technology and a complementary technology. Substitute obviously substitutes for you. The complement makes you better. We like to call this augmented technology.

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What we're looking for is not simply A.I. that is an educational tool, but I mean all of the A.I. has two responsibilities. My automated navigation system has one responsibility to get me there and another equally important responsibility to make certain that when I get there I'm a better person than when I started.

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So, we actually understand a fairly nuanced way how the neuroscience, for example, of navigation and memory and the hippocampus which sub serves all those is actually improved by navigating through space, actively exploring through places you don't know which of course if you have a navigation system it does it for you.

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So, if you had to own both of those responsibilities, and I don't mean in a philosophical sense I mean you have to literally

build the technology, how do you build one that gets you there and makes you better when you arrive rather than having substitute for you. I fundamentally believe technology should be challenging, and its job should be challenging us to be a better person.

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