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Deep Learning: Artificial Intelligence Meets Human Intelligence

In his talk, Terrence goes very far in depth about the contrast between artificial intelligence and the intelligence innate to humans and other organisms. I really liked that focus since he brings up new points such as energy conservation in evolving intelligence. For example, flies don't have as much of a developed intelligence because it takes tremendous amounts of energy to think, and with such a small body and flight to worry about, that's hardly going to happen. In our human minds though, we have that capability, and we are able to handle complex processing such as image recognition. Teams and researchers around the world work hard to create systems that behave just as well but have taken large strides towards true artificial intelligence.

Honestly, I would really like to help contribute towards machine learning since doing so lets us focus on other tasks as humans. Instead of focusing on data analysis we can do more creating and discovering, which are still far beyond the scope of what A.I. can do in its current state. Many people are worried that A.I. will take over their jobs, and they're right to think so. However, much like how the car took over the role of the horse, this is a necessary step in advancing our society. We can change and adapt our economy to fit those advancements and allow the capabilities of hardware to do the repetitive work so that we can all discover more about ourselves and our universe.