

I do not know quantum theory, but I know this: The most unpredictable thing is the human mind. Or at least, I believe that it is. And I believe the implications of this are profound. We have been trying to model something unpredictable (the human mind) with something predictable (artificial intelligence). Conventional computers are great for mathematics-- $1+1$ always equals 2. And this is precisely why conventional computers fail at modeling the human mind--they are predictable, and so are their operations. What if, because the mind is subject to chance, whim, and free will, in order to model it, we must use something else that cannot be understood--like, say, quantum computing? Something else that cannot be predicted? If we do so, we might not then have consciousness, but we would at least have free will--or a simulation of it. We might have something that acts, and lives, just as we humans do, in all our unfathomability.

That's almost all I have to say. But I will say one thing more...such a computer would be just like us. And just like us, it is not to be trusted completely. Do not give it limitless power. Treat it like any unknown human--with care. And I suggest not giving it enough information to cause a great deal of damage.