

From: Jeffrey Epstein <jeevacation@gmail.com>
To: "Klein, Joel" <[REDACTED]>
Subject: Re: from one of the worlds great hackers.
Date: Fri, 03 May 2013 10:09:00 +0000

neither my expertise or frankly my interest. My personal focus is on the broader question what it means for something to "learn". Machine learning, evolution, physical system learning - lightning for example (yes, lightning) intelligence and its representation in various forms ie. physics -intelligence. human intelligence, synthetic intelligence. "probability", what is it? logic, fuzzy logic, simulations. there principles, What does mental engagement require, ? etc. Am around this weekend if you are free for a walk, otherwise look forward to our breakfast on monday.

On Thu, May 2, 2013 at 6:56 PM, Klein, Joel <[REDACTED]> wrote:

Btw, don't agree shitty teachers will work, but that's another story.

Sent from my iPad

On May 2, 2013, at 6:06 PM, "Jeffrey Epstein" <jeevacation@gmail.com> wrote:

thoughts ?

Video games are already great at teaching. If they don't assess your level and put an appropriate challenge right in front of you, the game fails. Challenge too hard and you get frustrated and quit playing. Too easy and the game is no fun. That is exactly what a good teacher or tutor would do. Fundamentally the thing that works is a 1 to 1 student teacher ratio. Even if you have a shitty teacher or tutor, you will learn a lot because that person gets to know you and challenges you at your level. That doesn't scale, but computers do. So we have to use computers to replace teachers - or at least augment them.

Today's video games don't try to teach stuff we care about. Well, except for shooting bad guys. The best scheme I've come up with so far is to use X-Prize or something like it to co-opt the existing video game industry. Give out a prize to the game that comes up with the best way of teaching kids anything from a normal school curriculum. Let them pick whatever they want to teach, any grade level, and just incorporate it into their product. That's the way to get the most brains and the most users for the least money. You want to skip convincing educators and parents about this stuff and just go straight for the kids.

Imagine you are looking at a door in a video game. It has some squiggly symbols printed on it. Little munchkins walk up to that door and say "Konichiwa." The door opens and they are greeted by a hot princess with big .. and a thong. The door closes in your face. You are going to learn to read and pronounce Kanji.

Unleash that on 5th grade boys and then next thing you know, you'll have an entire generation of bilingual kids speaking Japanese to each other behind the backs of their parents and teachers.

Edutainment doesn't work. Once kids catch on that you are trying to teach them something they shut down. We have to keep the boobs and guns and profit. You see how much money video games are making these days? forget about educational reform. We need educational subversion!

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