United States District Court
Northern District of California
Δ DEFENDANT Δ
Case No. 4:24-CV-04722-YGR
Case Title Musk et al. v. Altman et al.
Exhibit No. DX-0819
Date Entered
Mark Busby, Clerk
By:_____, Deputy Clerk

From: "Shivon@spacex.com" <Shivon@spacex.com>
To: Elon Musk <erm@spacex.com>
Cc: Sam Teller <steller@spacex.com>
Subject: AI Updates
Date: Thu, 5 Jul 2018 21:49:05 -0700
Importance: Normal

Would read the top 3 if you're able. The rest are general AI updates so you can disregard if your brain is full.

OpenAI funding:
Trying to close ~$500M fairly soon. Would be corporates and high net worths. Instrument is not the ICO, but instead an investment into an OpenAI subsidiary that is capped at 100x return and will only pay out if OpenAI reaches some semblance of AGI. Not a typical structure, obviously, but apparently it has been used in things like oil exploration where it's all or nothing + massive reward. Altman will write you as soon as it's more concrete.

Autonomous Weapons Letter v2
Found out through OpenAI that Tegmark is doing an updated push on the autonomous weapons letter that you'd previously signed. The v2 letter is similar but more direct in its ask and he seems to be including all the previous and new signatories, along with institutions this time (DeepMind currently listed first). The site lists an embargo date of July 18th.

Your name is still listed first, followed by Demis, so wanted to double check if:
a) You're still comfortable being listed?
b) You would prefer the list to be alphabetized or somehow reordered?
(Last year you were generally supportive but annoyed that you became the entire face of it, so wanted to check)
https://futureoflife.org/lethal-autonomous-weapons-pledge/

Note: OpenAI declined to sign before and are not signing now. Tegmark recently went to the office to convince them but they disagree on whether this letter will be net helpful or harmful.

Puerto Rico AGI conference
Speaking of Tegmark, he's doing another conference in Jan 2019, this time back in Puerto Rico. This one will be 100% AGI focused. He emailed asking for a phone call to pick your brain on it. Can tee it up or defer depending on your preferences?

——General AI Updates——

Physics and AI
Found out at a physics and AI dinner the other night that Google (likely X) may spin up a lab in this space. Still unclear if this will actually happen, but if it did this guy would be one of the founding physicists.

Dota2
Planning to go to The International again this year. Are working closely with Valve on high profile 5v5 matchup. They are more confident that their 5v5 bots will win this year than they were about their 1v1 bot winning at this time last year.

NVIDIA AI research lab

Have heard from many that they've amassed a bunch of really talented people in the last year, though the research direction seems almost entirely on new methods for applied technologies in GPU acceleration and graphics. Jensen (at CVPR) seemed most proud of their work in progressive GANs and said the next big problems they're trying to nail are inpainting and slo-mo.

CMU / Academia
Friend who's the director of AI research at Apple and still a prof at CMU and mentioned the entire AI faculty of that school has been decimated recently. Even the mediocre professors are getting multi-million dollar deals, and a lot of the new offers are coming from finance firms like JPMC who are trying to catch up on the AI trend.

DeepMind
Seems like they got a bit scooped with the unexpected Dota2 5v5 timing, but still made their voice heard with Quake III capture of the flag — with the rather self-righteous title of "the emergence of complex cooperative agents" like they were the first to the mark.

Also, rumor has it that, on top of the folks that secretly converse on Twitter DM because they don't trust Demis not to spy on their email and gchat, a part of the inner group also meets in a London coffee shop without cell phones to have in person discussions away from him. Heard this from both Altman and another friend.