

20230521 Zoom Discussion

Sunday, May 21, 2023

5:37 PM

Here are a few of the things I remember from the May 21 HCUUF Zoom Open Discussion.

- Most of the discussion was on AI
- Two current AIs easy to get to are
 - Chat.openapi.com - ChatGPT "Chat Generative Pre-trained Transformer."
 - Microsoft AI -- "Microsoft Turing Natural Language Generation (T-NLG)" built into Microsoft's Edge Browser via Bing
- AI Demo
 - Design a 10 question multi-choice quiz on WW I
 - Write a sonnet in the style of Shakespeare on movies
 - Did Hitler really die in WW II
 - Has Reacher been renewed?
 - What are some ways to sequester carbon dioxide
 - Write a one page summary of the book "Pride and Prejudice"
- Movies with AIs in them that we discussed
 - The Day the Earth Stood Still Movie
https://en.wikipedia.org/wiki/The_Day_the_Earth_Stood_Still
 - Terminator Movies (Skynet)
[https://en.wikipedia.org/wiki/Terminator_\(franchise\)](https://en.wikipedia.org/wiki/Terminator_(franchise))
- Medical Applications of AI
https://en.wikipedia.org/wiki/Artificial_intelligence_in_healthcare
 - Reading medical images (X-Ray, MRI, etc.)
 - Reading EKGs
 - Eye disease - determine sex from retina
- Menthol scent used to treat Alzheimer's disease (experimental)
<https://medicalxpress.com/news/2023-05-inhaling-menthol-cognitive-function-alzheimer.html>
- Why now AI? - [ChatGPT's Answer \(PDF\)](#)
- Chiplets - Continuing the promise of [Moore's Law](#) requires a paradigm change in microchip manufacture
[20230511-NYT-US Focuses on Invigorating Chiplets to Stay Cutting Edge in Tech.pdf](https://www.nytimes.com/2023/05/16/technology/ai-chiplets.html)
- Creating "moral" AIs - incorporate non-tangible factors like altruism into AI. For instance, the results of scientific studies of altruism could be made part of the AI database.
- Potential dangers of AI
<https://www.cnn.com/2023/05/16/tech/sam-altman-openai-congress/index.html>

After the meeting I asked ChatGPT "generate a one page discussion on how AI is useful in healthcare". I put the response into a Word document. A link to the PDF document is

<https://hcuuf.org/Portals/0/Documents/MeetingMaterial/20230521/ChatGPT-%20AIs%20in%20Healthcare.pdf>