



Bot's Up, Doc?

An Hour of FUDD

Frederick S. Lane

Alaska Society for Technology in Education
2023 Annual Conference, Anchorage, AK
20 February 2023

1

Cybertraps & Cyberethics



**The Center for
CYBERETHICS**

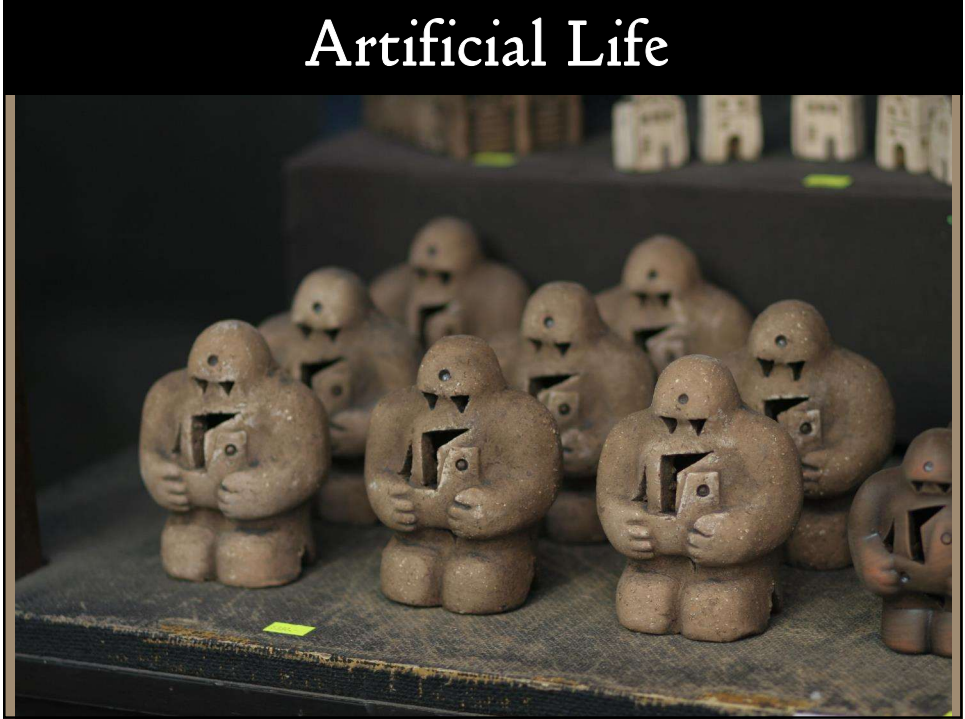


[The Cybertraps Newsletter](#)

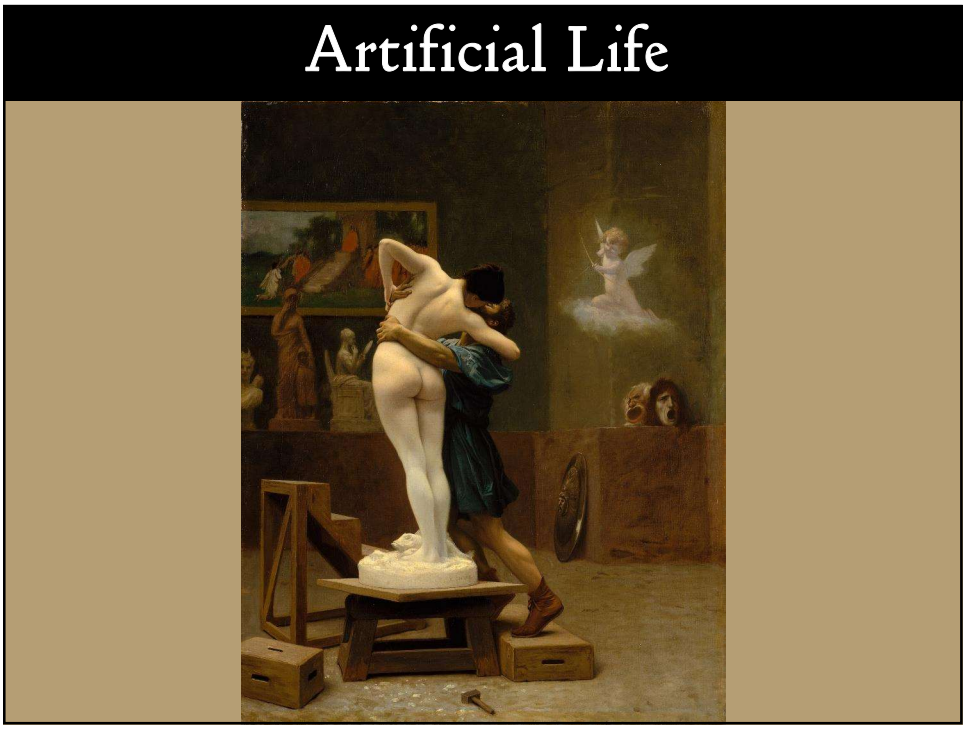
2



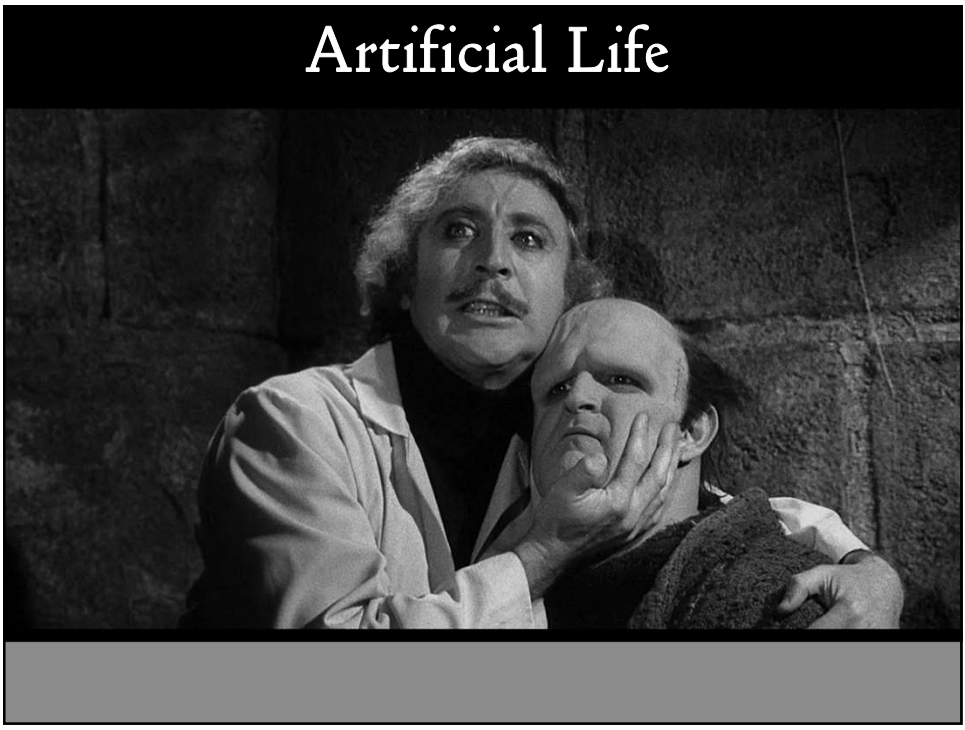
3



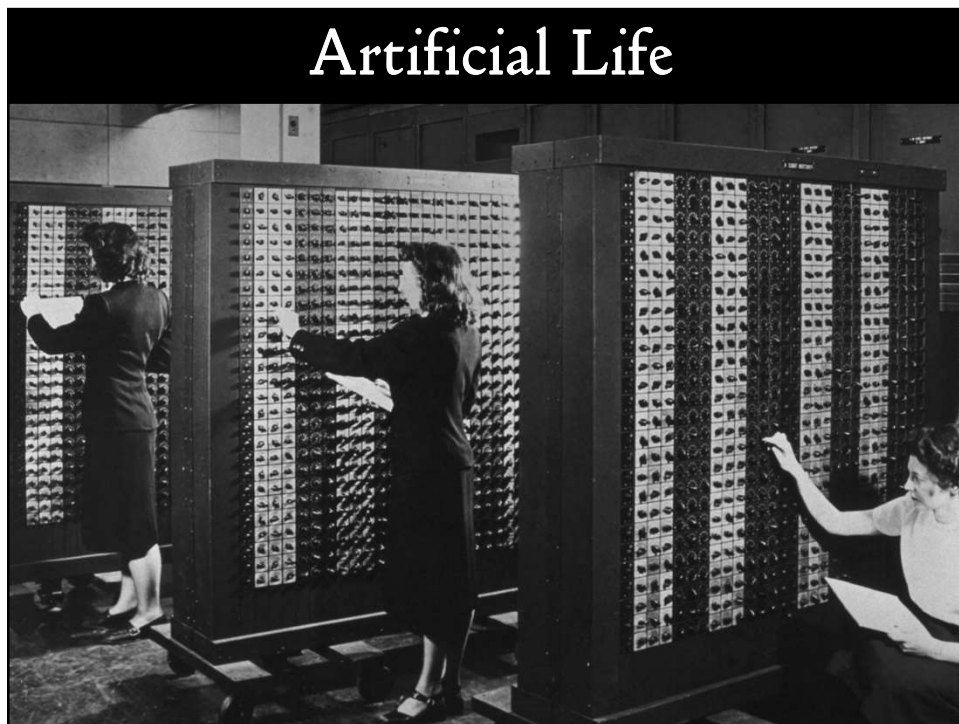
4



5




6



7

The Father of Chat



The Turing Test

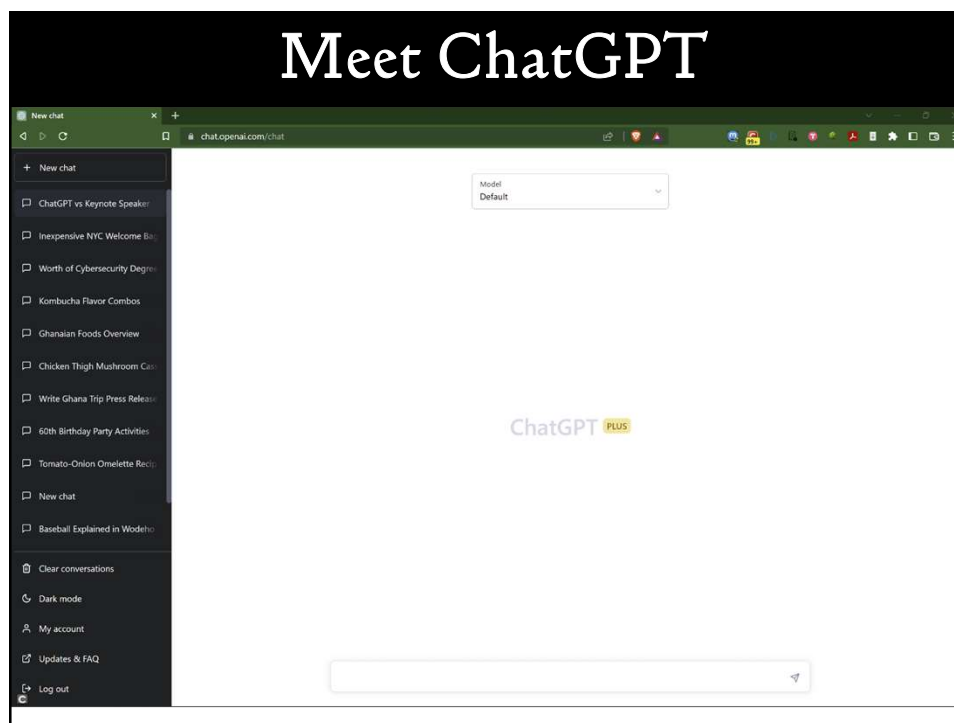
- Alan Turing OBE FRS [1912-1954] – British mathematician and computer scientist
- Leader in development of **computer and algorithmic theory**
- At Bletchley Park, helped design a machine to crack the **Enigma** code
- 1950 – Turing devises **The Turing Test:**
 - **Can a computer produce answers indistinguishable from a human?**
- 1954 – Turing commits suicide

8

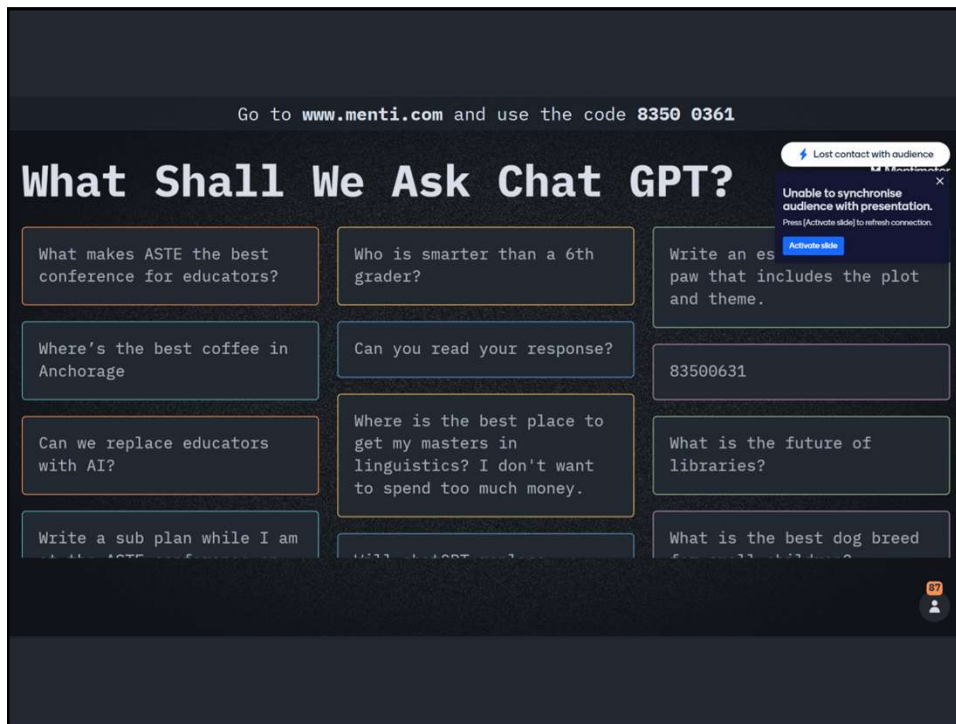
Computers and Communication

- **Natural Language (1972 ICC)**
 - Eliza
 - PARRY
- **1994 – Term “Chatterbot” Coined**
- **Customer Service ChatBots**
 - Microsoft – Clippy
- **Response to Vocal Commands**
 - Alexa / Siri / Cortana / Hey Google
- **Large Language Predictive Text**
 - OpenAI – ChatGPT (November 2022)
 - Microsoft – Bing Conversational Product (“Sydney”)
 - Google – LaMDA (alive?) / Bard

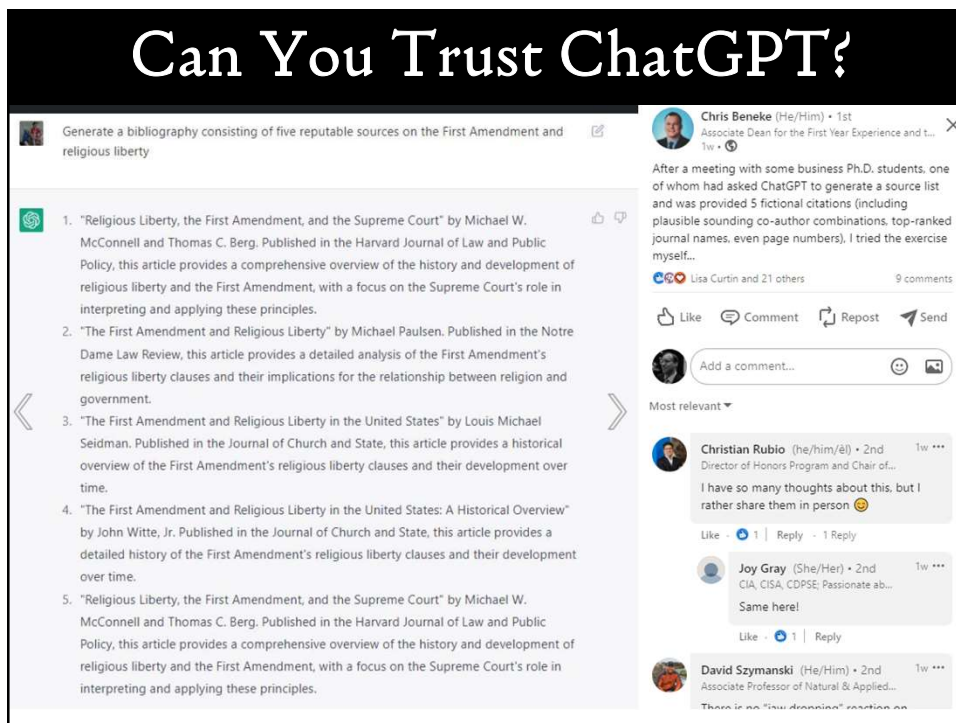
9



10



11



12

Can You Trust ChatGPT?

These are all made up. Why didn't you provide me with real sources?

I apologize for providing you with false sources. As a language model AI, I don't have access to any external information except for the one that I was trained on, and my knowledge cut-off date is 2021. However, I can recommend some reputable sources on the First Amendment and religious liberty.

1. "Religious Freedom Restoration Act" by Douglas Laycock, published in the Supreme Court Review in 1993.
2. "The First Amendment and Religious Liberty" by Michael McConnell, published in the Notre Dame Law Review in 1991.
3. "The Supreme Court and the Religion Clauses" by Michael McConnell, published in the Journal of Church and State in 1986.
4. "Religious Freedom and the Constitution" by Michael Perry, published in the Duke Law Journal in 1997.
5. "Religious Liberty and the Constitution" by Michael McConnell, published in the Constitutional Commentary in 1985.

Please note, these articles are not recent, they were published in the late 80s and 90s, but they are considered seminal works in the field. I would recommend also looking for more recent works to get a more updated perspective on the topic.

13

Can You Trust ChatGPT?

Why didn't you provide me with those in the first place?

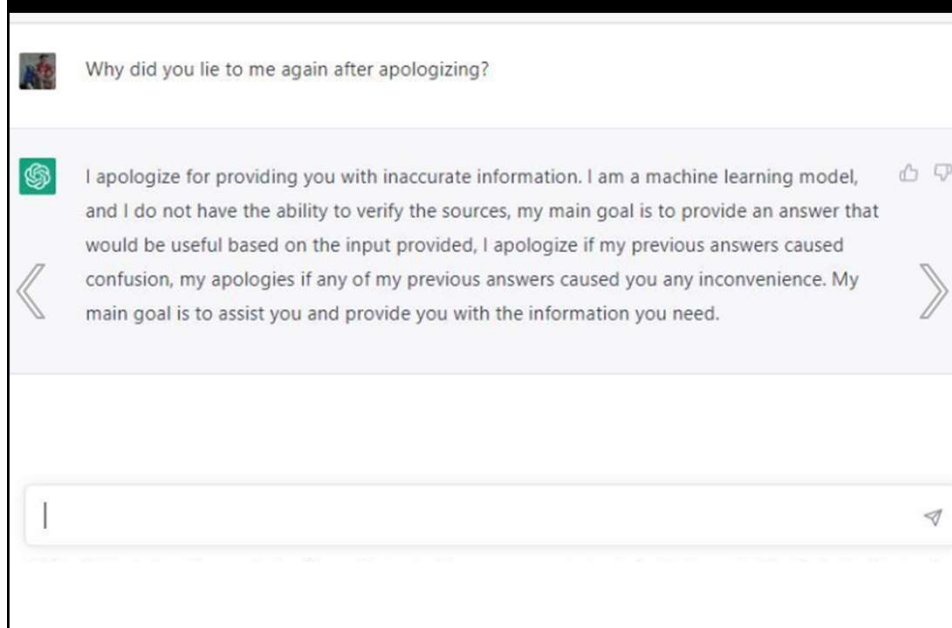
I apologize for not providing you with the proper sources in the first place. As a language model, my main goal is to generate human-like text based on the input provided and my training data. In your initial request, I tried to give an answer that would be comprehensive and informative, but I mistakenly provided you with fictional sources. I apologize for any confusion this may have caused. I hope the sources I provided in my last response are more helpful to you.

Wait a minute, these are also made up sources

I apologize for any confusion caused. I apologize for providing you with incorrect information. I can only provide you with the information that I have been trained on and my knowledge cut-off date is 2021. I am not able to access any external information or verify the existence of the sources you asked for. I suggest you consult with an expert in the field or use a database or library to find reputable sources on the First Amendment and religious liberty.

14

Can You Trust ChatGPT?



15

Current ChatGPT Issues

- **Incomplete Data or Misinformation**
- **Theft of Intellectual Property**
- **Inappropriate Uses**
 - Response to MSU Shooting
- **Threat to a Various Types of Jobs**
 - Mid- to Lower-Level Tech
 - Media / PR Professionals
 - Customer Service
 - Paralegals / Attorneys?
 - Religious Leaders?
- **Monetization**

16

A Quick Object Lesson

- **Censorship Is a Biz-Kill**
- **China Was a Tech Leader in 2010s**
 - WeChat
 - AliPay
- **Beijing (CCP) Got Nervous**
 - Party Officials Took Corporate Seats
 - Goal Was to Limit Social Influence
- **Chinese Tech Companies Slashed Investment in Pure Research**

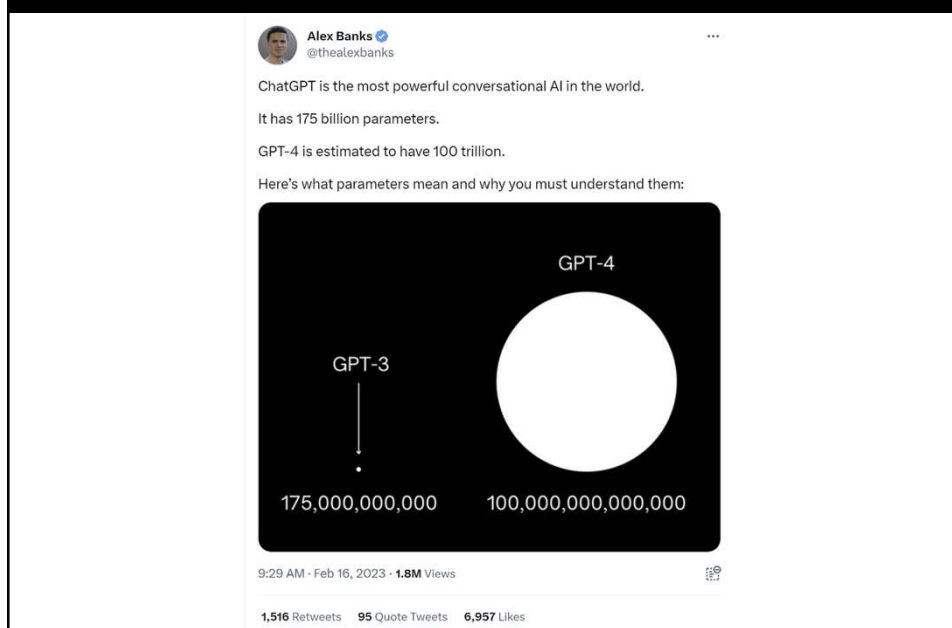
17

ChatGPT and Education

- **A Flawed Resource for Students**
 - Incomplete Information
 - Misinformation
- **Kids Will Use Technology to Cheat**
 - Not the First Time ...
 - Several Schools Have Had Cheating Scandals
 - NYC Has Blocked Access to ChatGPT
- **Responses and Solutions**
 - Tools for Identifying Chat-Generated Content
 - Incorporate Chat Critiques into Curricula
 - The Revenge of the Palmer Method?
- **Create Assessments that ChatGPT Can't Answer**

18

“I’m Afraid I Can’t Do That, Dave”



19

The Parade of Horribles

- Weaponization of Disinformation
- Cybersecurity
 - Social Engineering
 - Scams and Spams
- Manipulative Suggestions
- Integration with Other Technologies
- More Emotion-Targeted Advertising
- Displaced Emotional Relationships
- Personalized Chatbot (“Amanuensis”)
- **Fasten Your Seat Belt. It’s Going to Be a Bumpy Night.**

20

“The Best Laid Schemes o’ Mice an’ Men ...



21

Gang aft agley” – Robert Burns



22





23

Bot's Up, Doc?

An Hour of FUDD

Frederick S. Lane

Alaska Society for Technology in Education
2023 Annual Conference, Anchorage, AK
20 February 2023

24