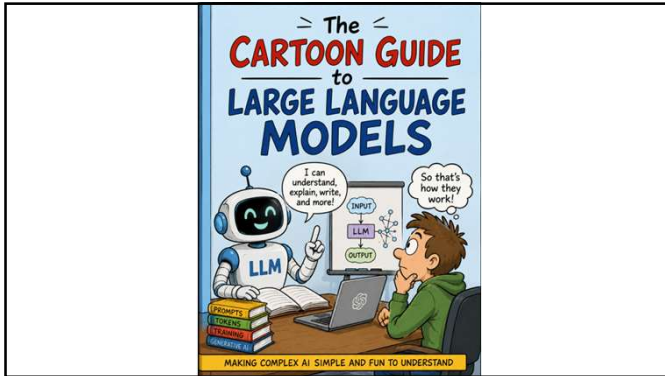
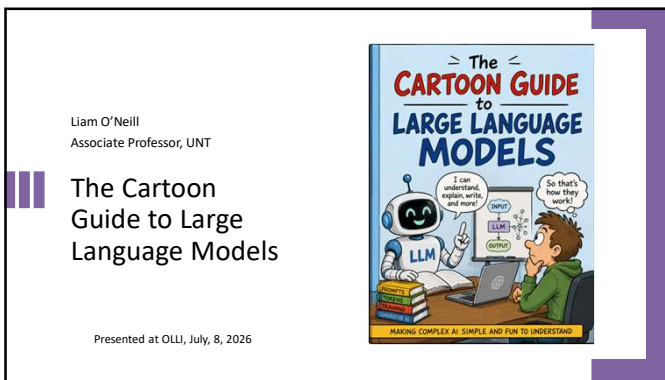
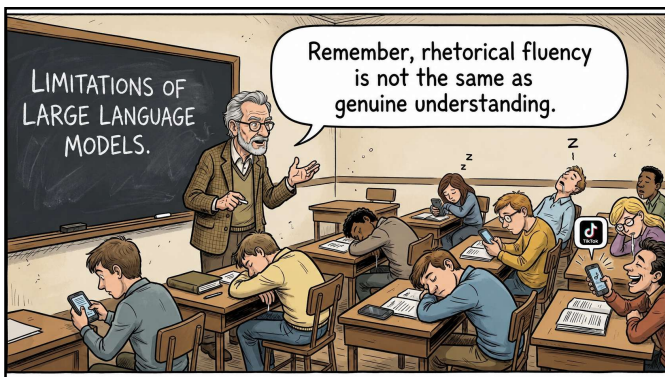




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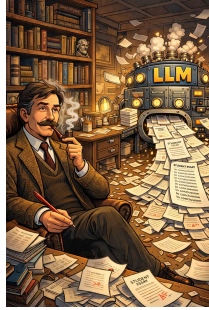


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3

- The year is 2022.
- The university is coming out of the COVID-19 pandemic
- Suddenly, I am overwhelmed
- With essays – written by something called – Chat GPT!!!

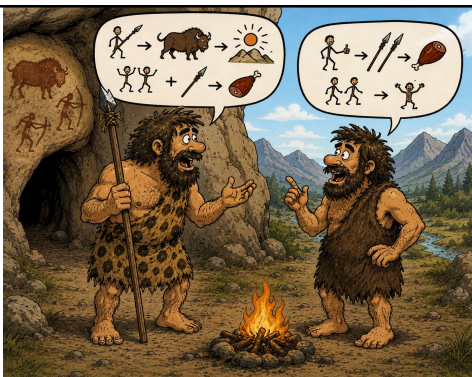


4

My Background

- Started teaching
 - Health information Systems at
 - University of Iowa – 1997
- Have taught Health IT for three decades
- I grade about 40 student essays per week.
- I first came to UNT in 2005.

5



6

Main Points ...

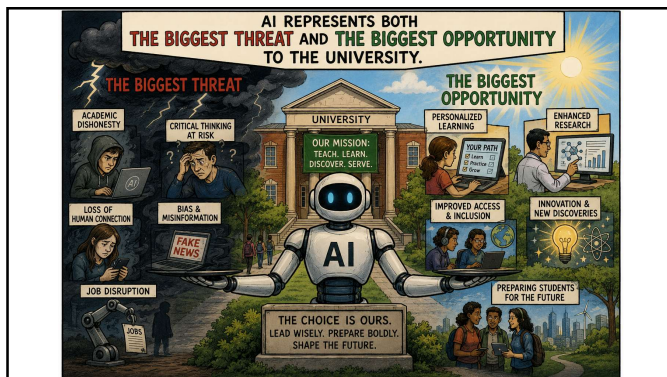
- You and I are “people”
 - We speak in authentic human language.
- The output of an LLM is only a “simulation” of human language.
- So our purpose is to identify the differences –
 - Between our authentic human language
 - The output of an LLM
- There is software whose purpose is to :
 - Detect language written by an LLM
 - To detect non-human authorship...
- We ask a different question –
 - What are the telltale signs that a particular sentence was written by an actual human?

7

Main Points

- Writing is about making choices.
 - What should be included in this essay?
 - What should be excluded from this essay?
- I have studied essays written by LLMs in order to better understand –
 - Why did the LLM make this choice?
- LLMs have some noted limitations in terms of writing
 - Not just due to random errors or “hallucinations”
 - Rather they are inherent in the design of LLMs
 -

8



9

Learning Objectives

- Bring you up to speed in terms of “Artificial Intelligence”
- How can you tell is something was written by a Large Language Model?
 - What are the tell-tale signs?
 - What is meant by a Turing test?
- Can an LLM pass a Turing test?

10



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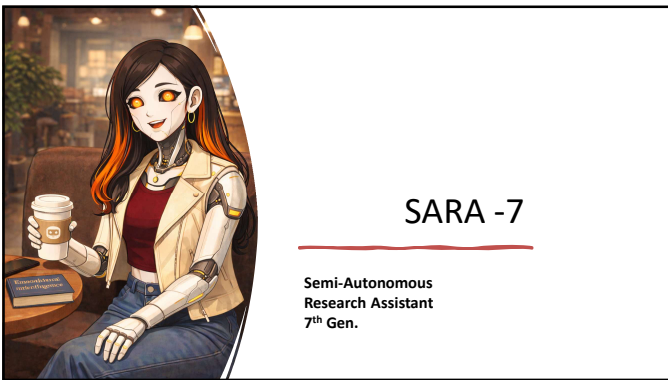


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Sarah – Grad Student

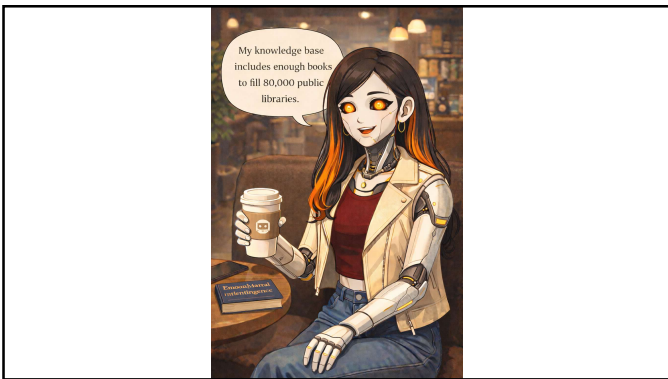
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SARA -7

Semi-Autonomous
Research Assistant
7th Gen.

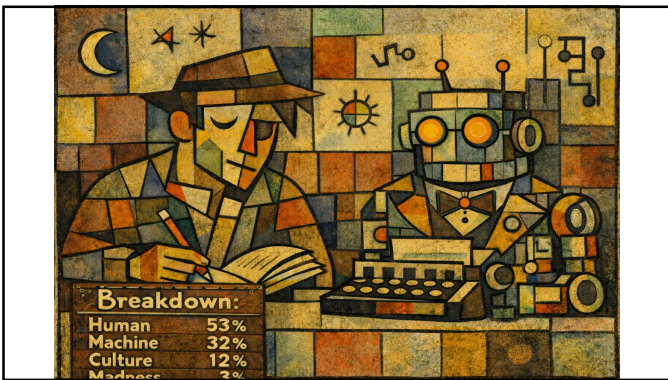
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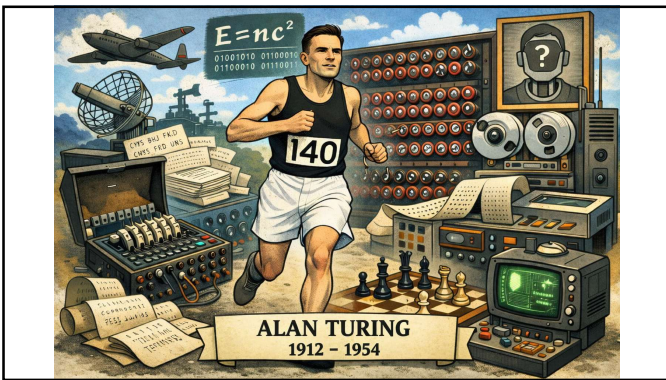
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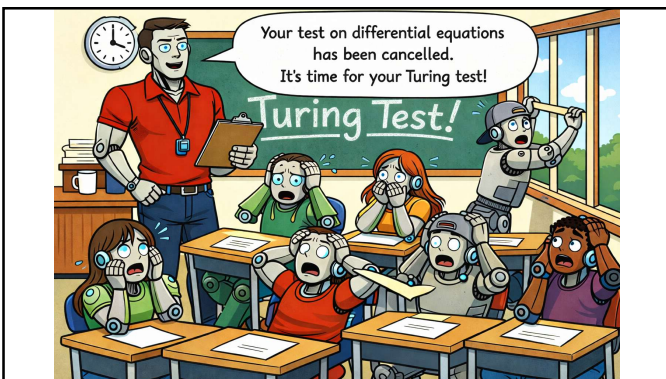
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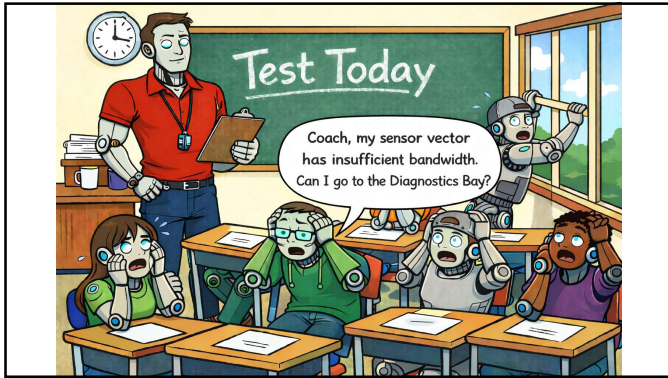
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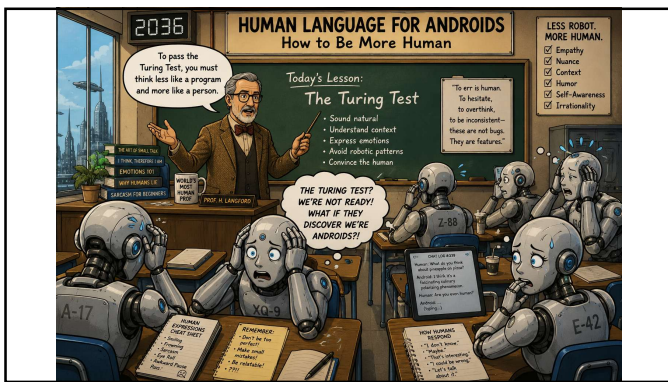
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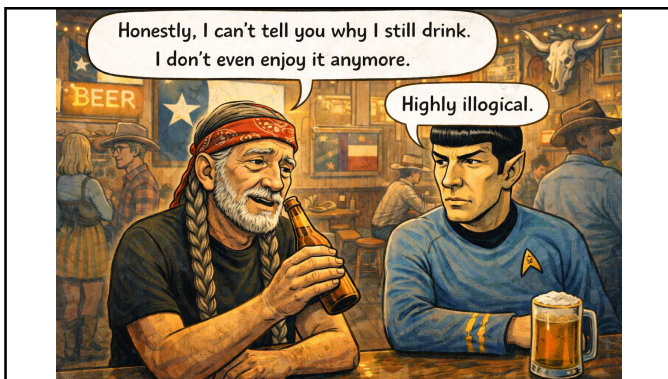
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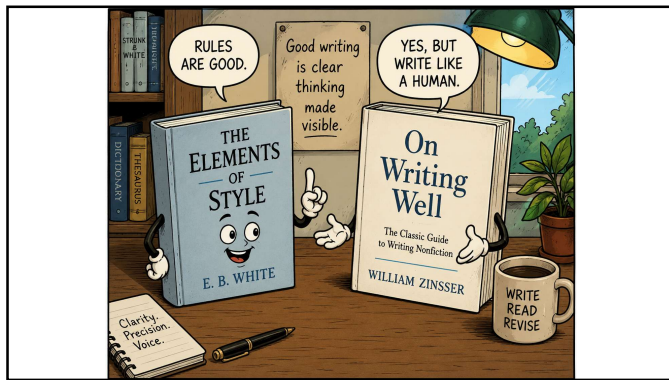
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What the Future Holds

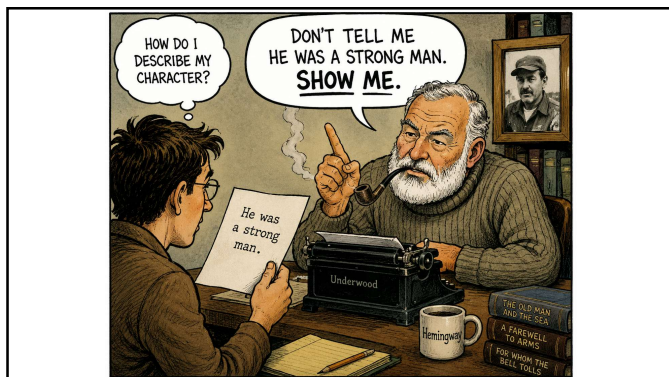
- The Year is 2038
- **Axel Sterling** has replaced all human knowledge workers with androids.
- The androids are the "new underclass."
- They struggle to adapt to life as persons.
- The Office is faux documentary about workers in a paper company.



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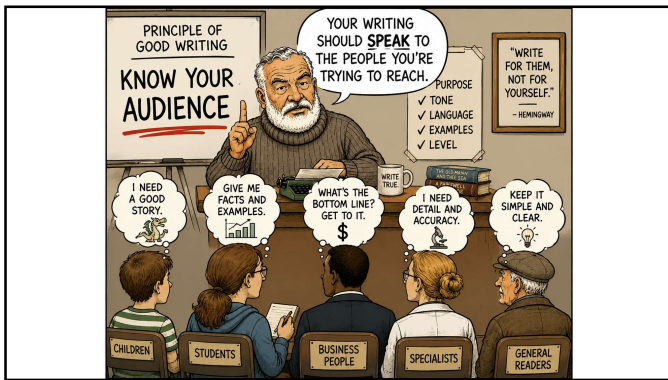
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