

Blogs

- Use links, check if they work!
- Mind grammar/syntax
 - Read your work/have someone else read it
- Mind the text walls
- Use Categories for your group
 - Tags are for tagging specific content
- Read other people's work (start with your group)
- Send notifications of absence to Janessa (and to me, if you like).



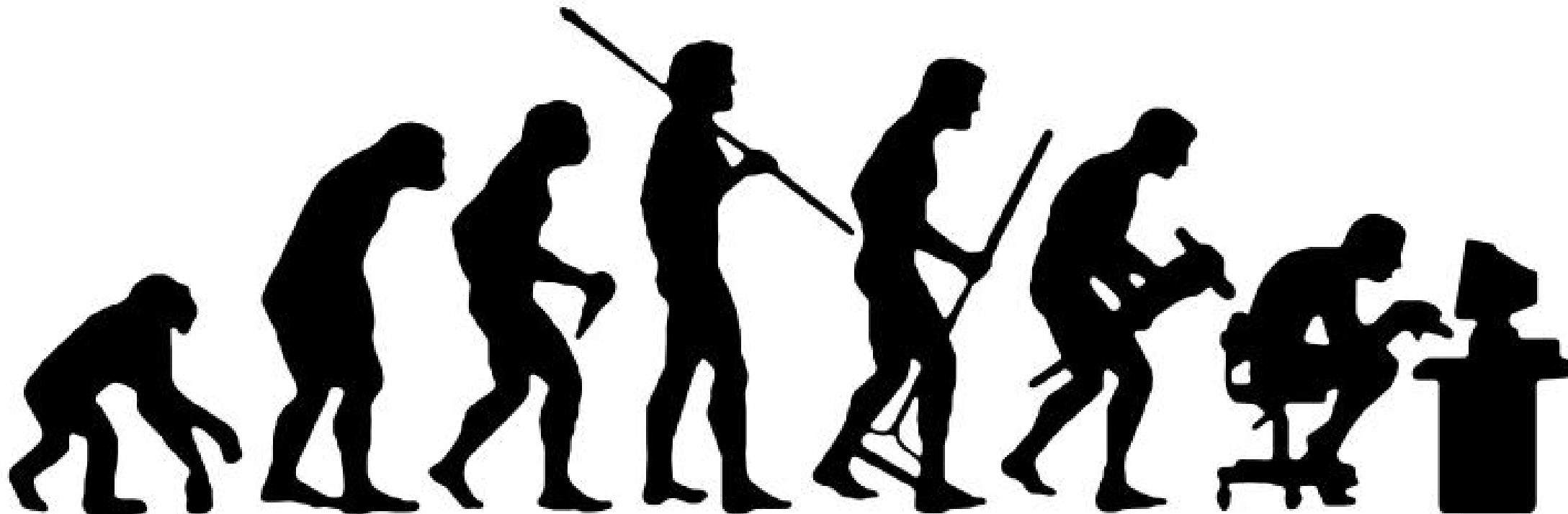
Good job!

Digital Media, Society, and Culture

Angus A. A. Mol

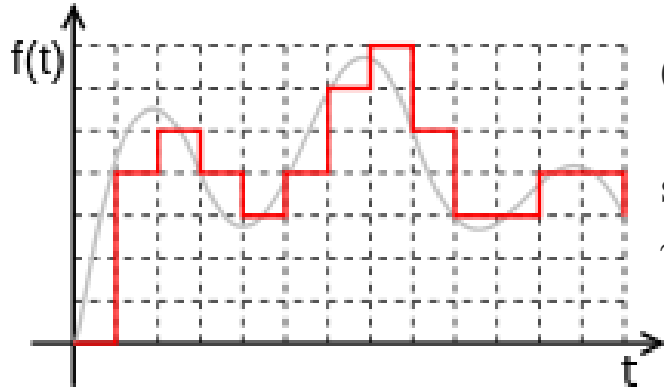
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01001000 01100101 01101100 01101100 01101111  
00100000 01010111 01101111 01110010 01101100
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A Light(n)g Fast History of the Digital

Backto digital basics



(of signals or data) expressed as series of the digits 0 and 1, typically represented by values of a physical quantity such as voltage or magnetic polarization.

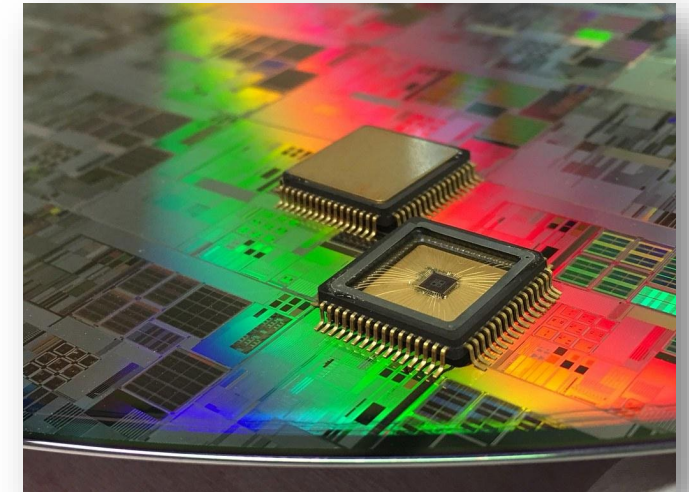
~OED

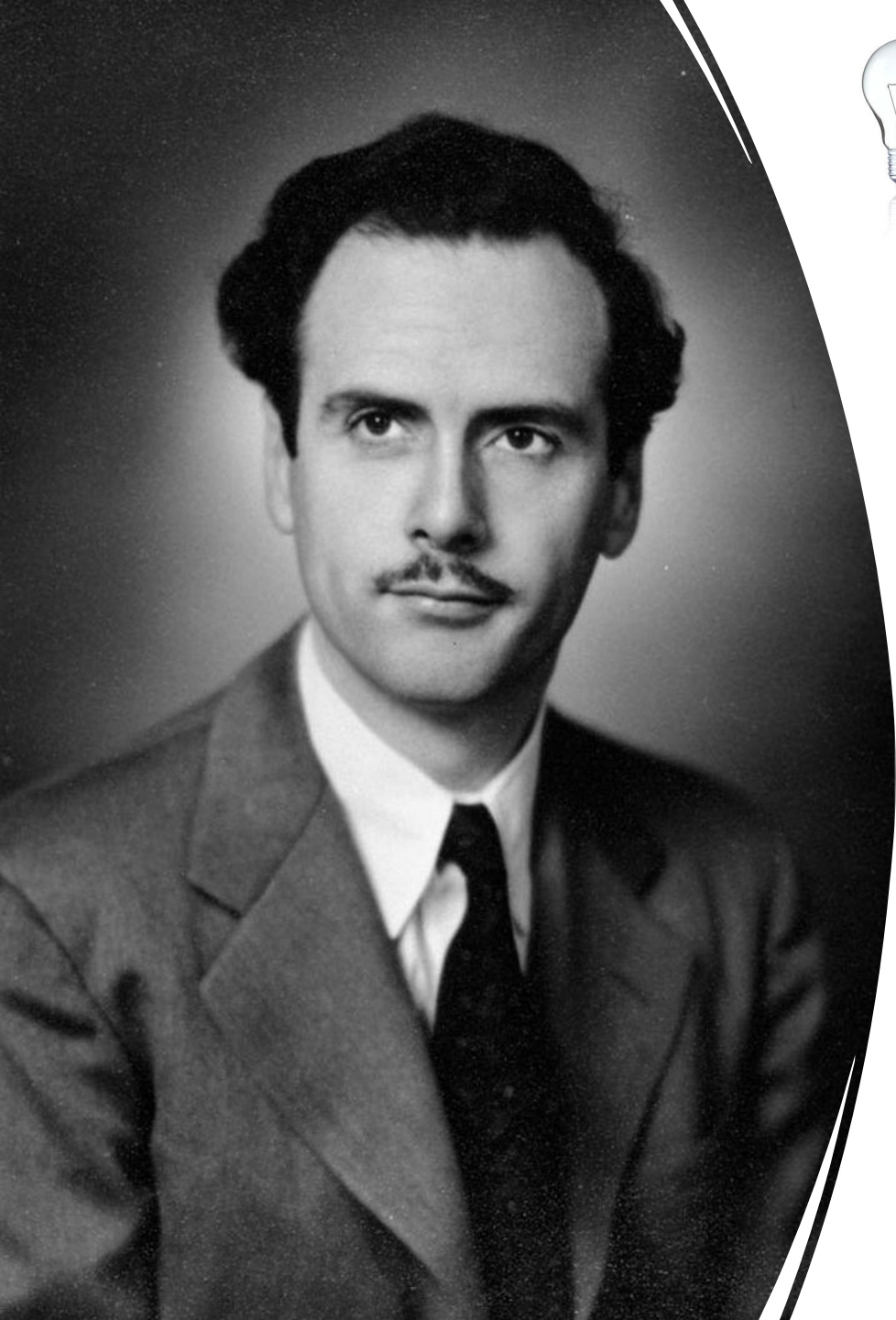
01010111 01100101 01101100 01100011 01101111 01101101 01100101
00100000 01100010 01100001 01100011 01101011 00100000 01110100
01101111 00100000 01100011 01101100 01100001 01110011 01110011

} “WELCOME BACK TO CLASS” in binary code



A computer is a set of integrated circuits of transistors (“microchip”) through which electricity flows in on/off patterns.





Electricity as Medium

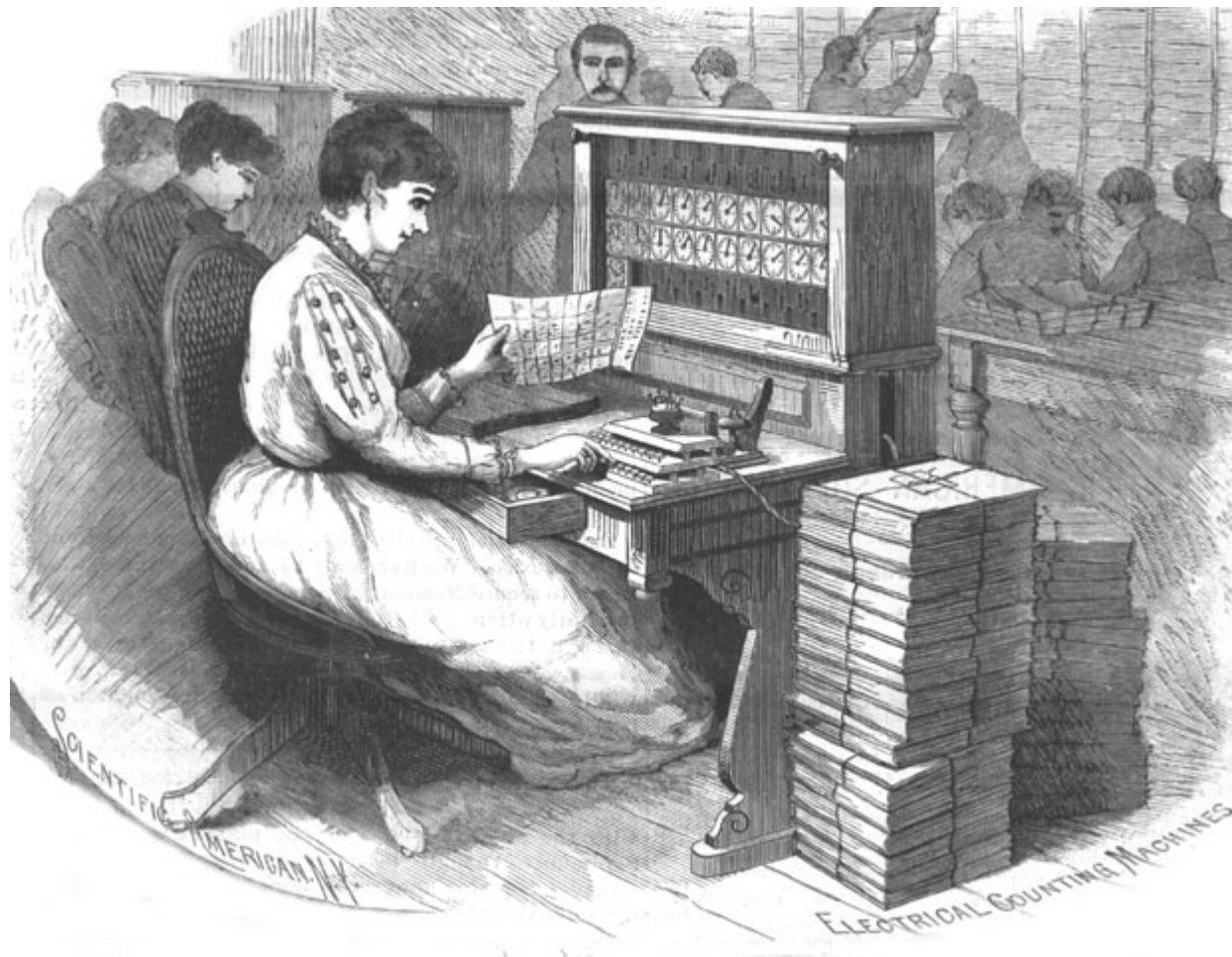
Marshall McLuhan
(1964, *Understanding Media*)

“The electric light is pure information. It is a medium without a message, as it were ~~useless~~ [...]”

“For it is not till the electric light is used to spell out some brand name that it is noticed as a medium. Then it is not the light but the “content” (or what is really another medium) that is noticed.”

“For the ‘message’ of any medium or technology is the change of scale or pace or pattern that it introduces into human affairs.”

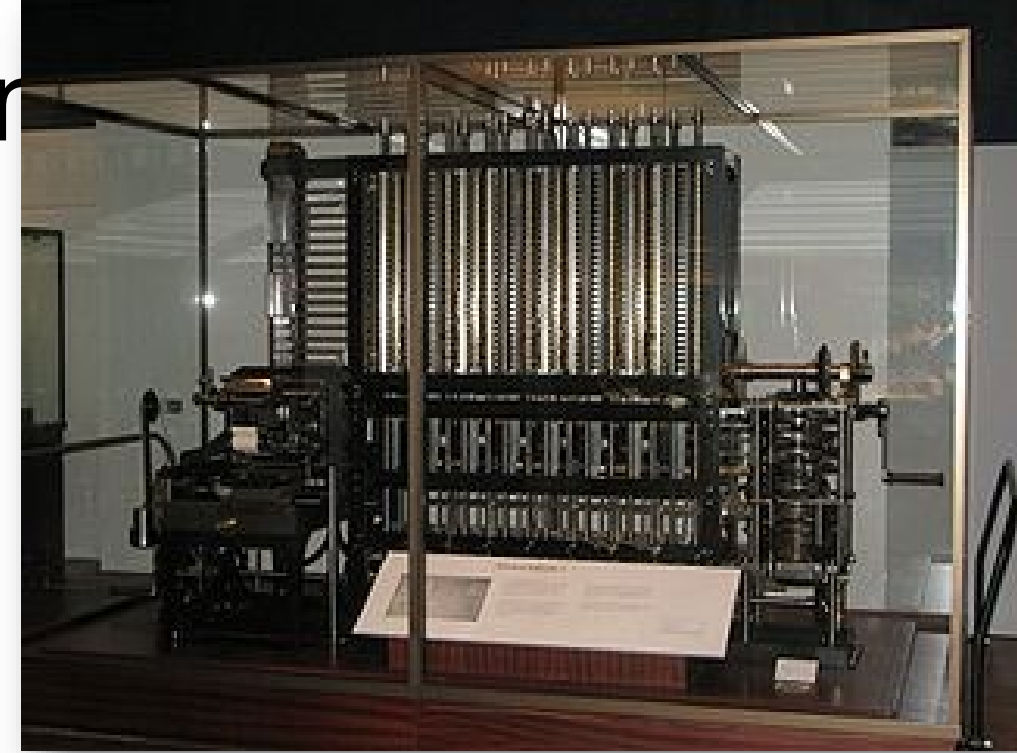
The First Computers



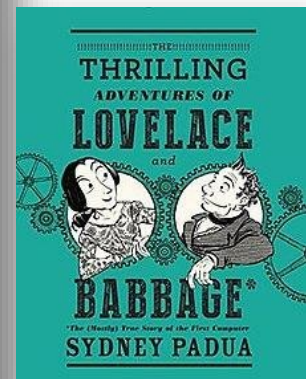
A close-up photograph of the Antikythera Mechanism, an ancient Greek analog computer. The device is made of a complex arrangement of bronze gears and plates, heavily corroded and encrusted with green and black patina. The gears are of various sizes and are interconnected, forming a sophisticated mechanical system. The overall appearance is that of a well-preserved but aged archaeological find.

Close up of The Antikythera Mechanismst (1st Century BC)
– An Orrery & The Oldest Known Mechanical Computer

Babbage's Analytical Engine and Lady Lovelace



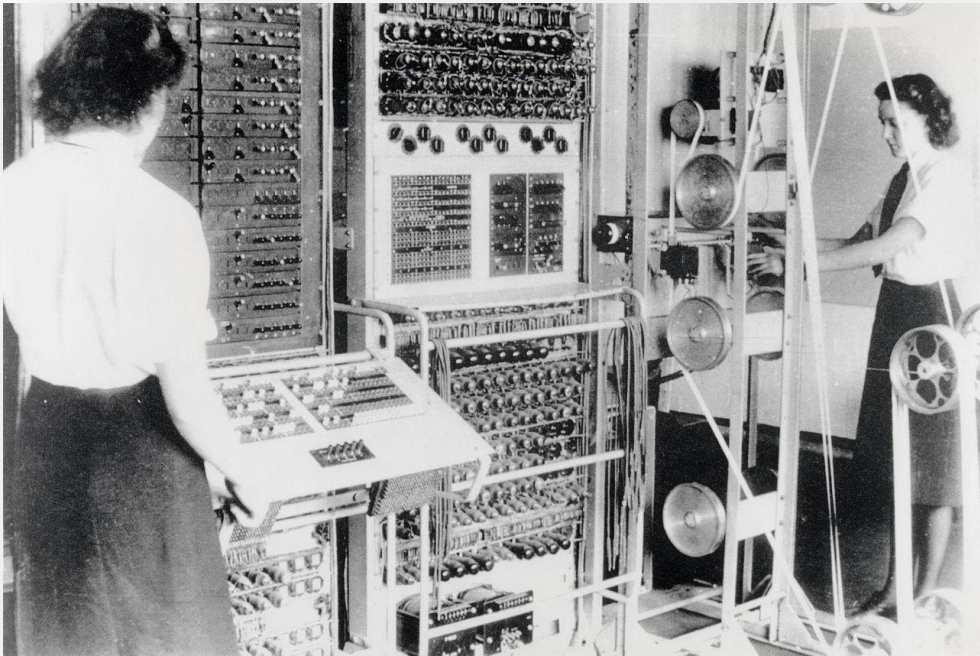
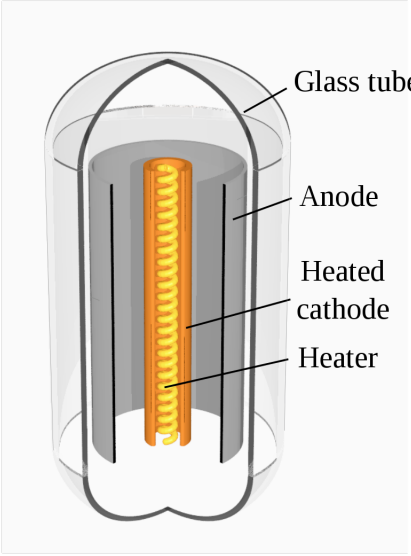
Working model in London's Museum of Science



War Machines



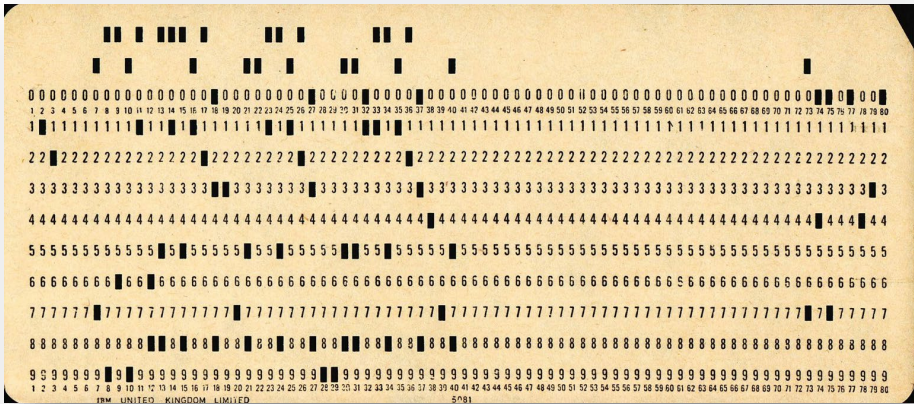
IBM 701 (1952):
ordered by the NSA



First Electronic Computer: *Colossus codebreaker* (1944)



Vacuum tubes from the ENIAC computer

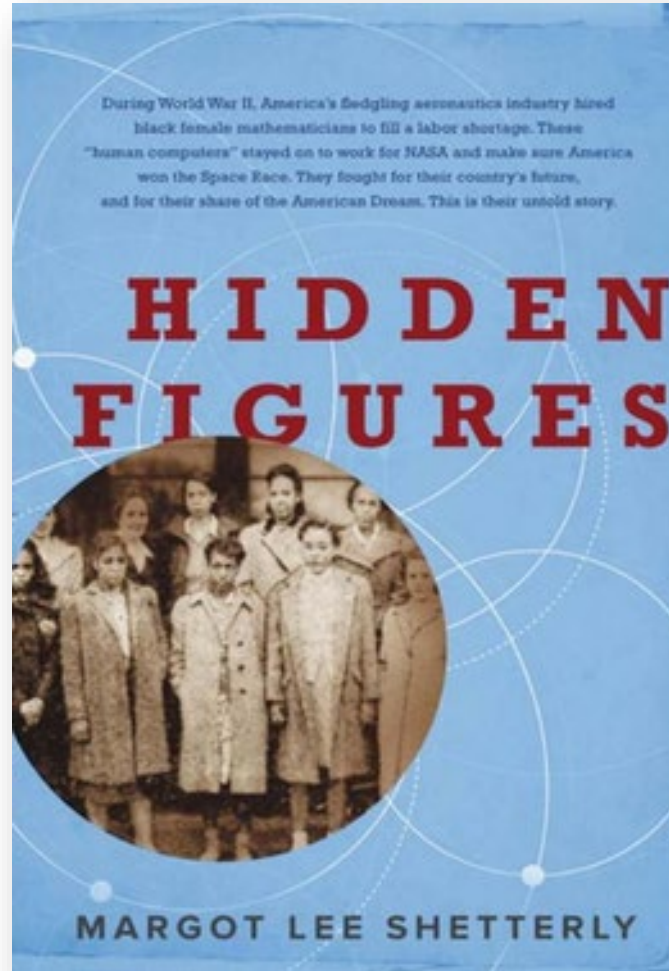


Hollerith-kaart/punch card

Computers: The Hidden Figures of the Space Race



Katherine Johnson working as a computer at NASA in 1966



Roots of the Digital Scholar



Father Roberto Busa (in 2006)



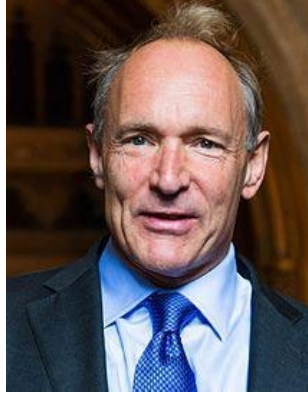
Thomas Watson (founder of IBM)

What is the metaphysics of presence in St. Thomas Aquinas? praesentia praesens + proposition

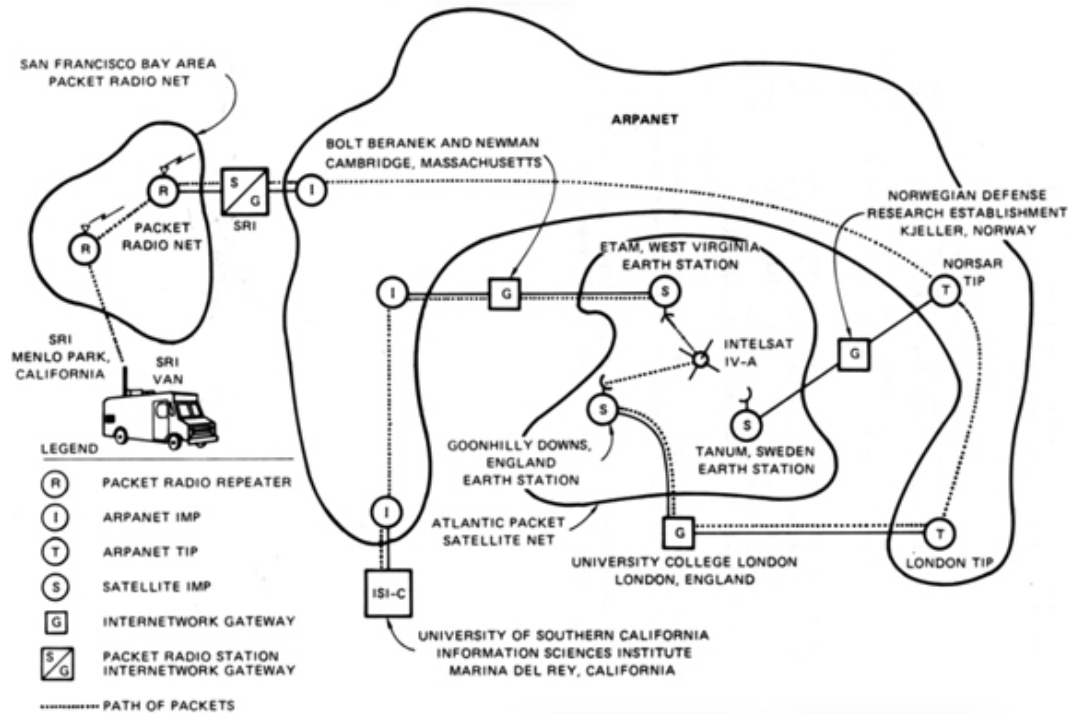
"I knew, the day I was to meet Thomas J. Watson, that he had on his desk a report which said IBM machines could never do what I wanted. I had seen in the waiting room a small poster imprinted with the words: 'The difficult we do right away the impossible takes a little longer.'"

- Roberto Busa 1980

From ARPANet to World Wide Web



Tim-Berners
Lee, inventor of
the WWW



Log of first ARPANet message

29 Oct 69	2100	LOADED OP. PROGRAM (SK)	
		FOR BEN BARKER	
		BBV	
22:30		Talked to SRI	SK
		Host to Host	
		Left top imp. program (SK)	
		running after sending	
		a host dead message	
		to imp.	



'Fathers of the internet'
Vint Cerf & Bob Kahn

Aol.



hobbynet

EUnet

SURF NET

80s/90s: The Digital Revolution

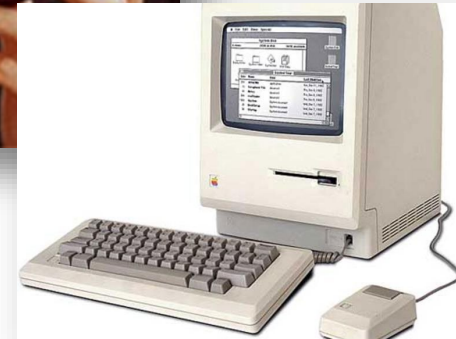


Bill Gates

Steve Jobs



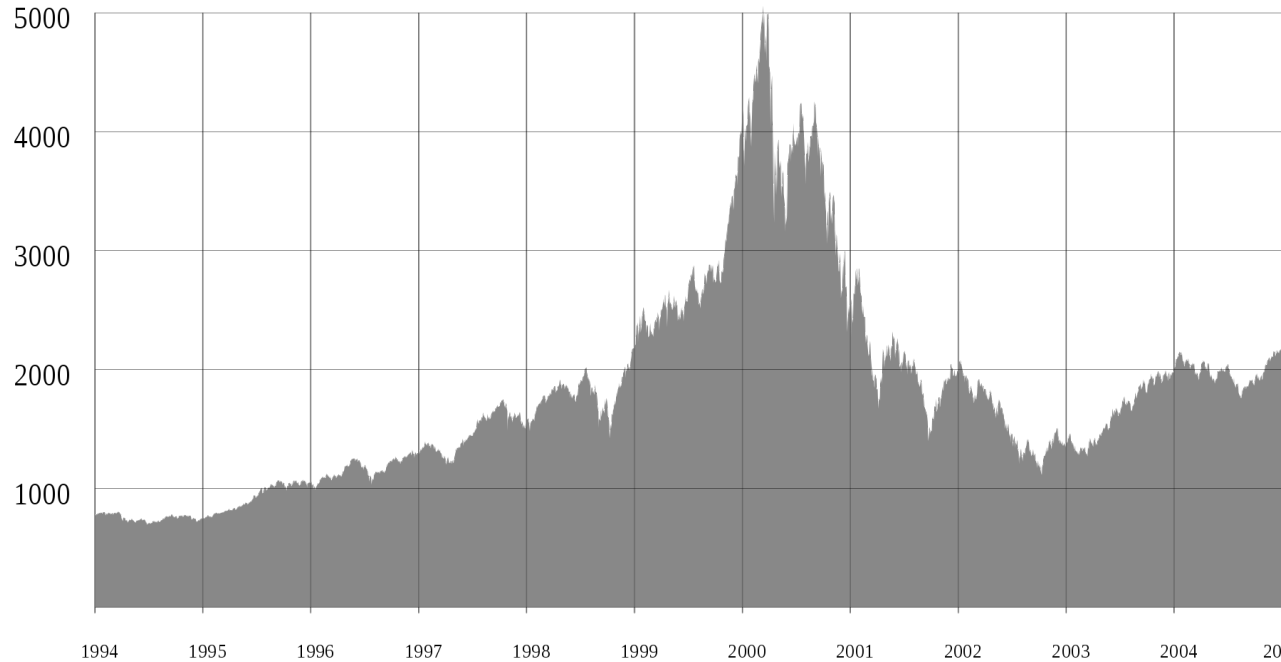
Graphical User Interface (GUI)
+ Office Software



Personal computing
Apple Macintosh



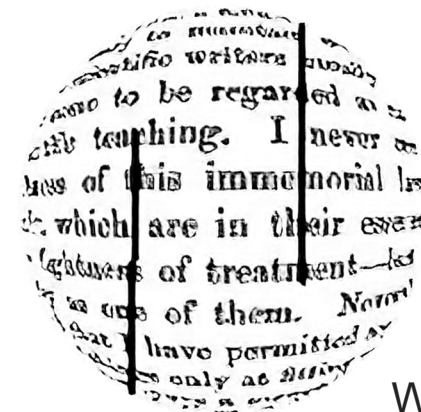
00s: DotCom Bubble & Web 2.0



Nasdaq Composite stock market



FACEMASH



Wikipedia

2010s The Post-Digital Age: Entanglement of the Analog and the Digital



Commander in Tweet



Pokémon GO skills



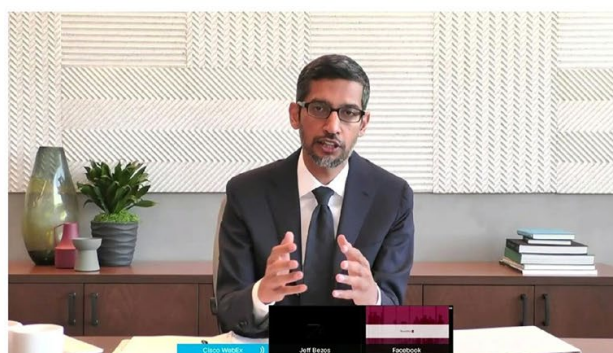
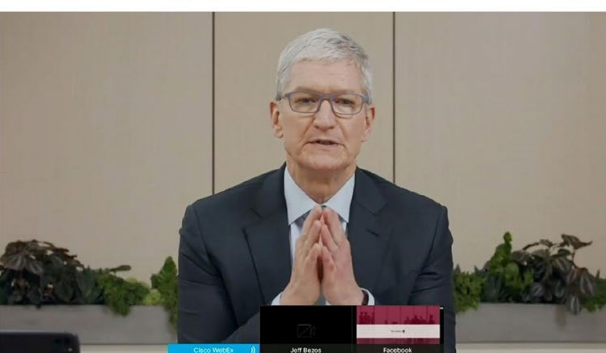
Facebook &
Cambridge Analytica scandal



“Data is the new oil”

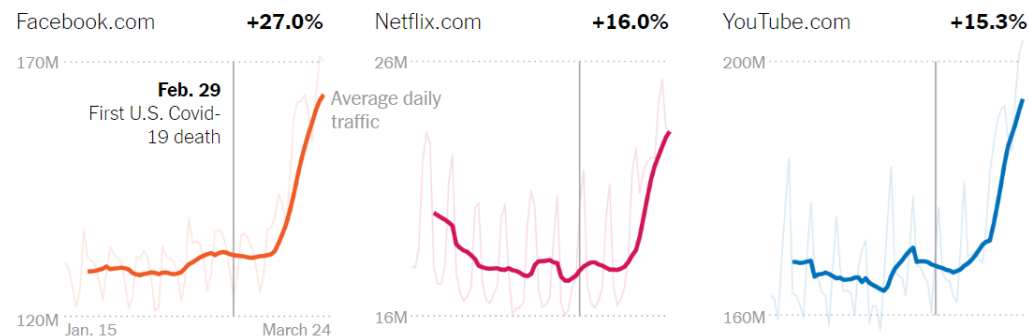
.... and *that* was in the 'before times'!





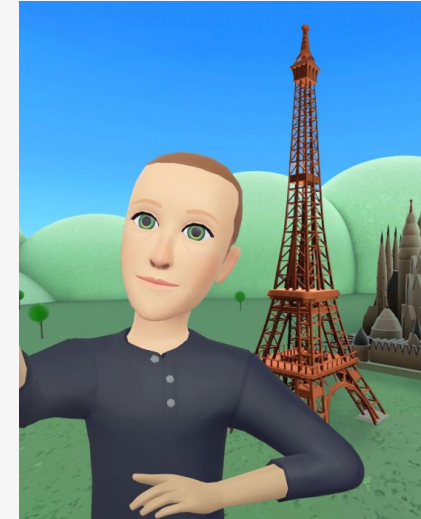
kaltura

Websites

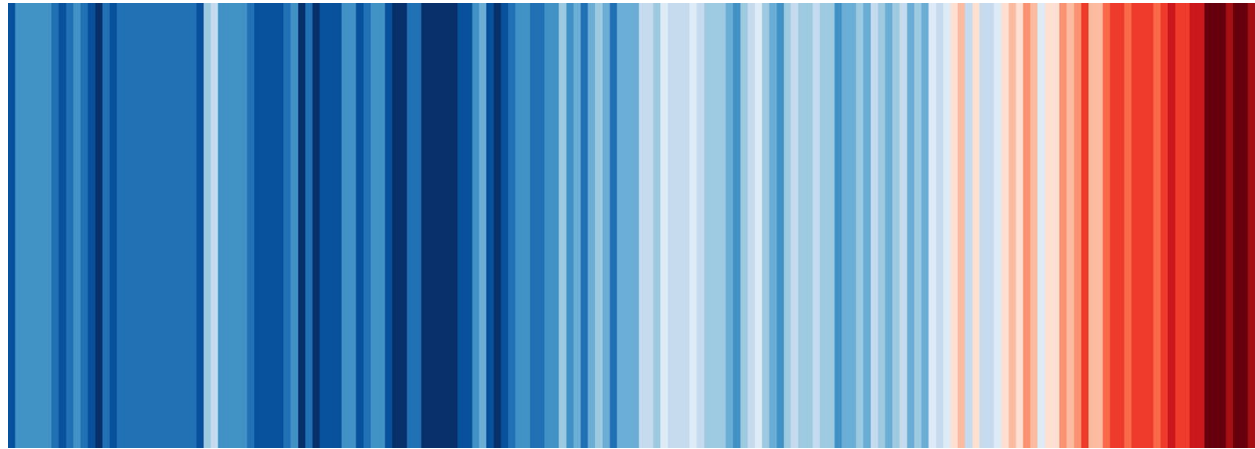


An Internet in Crisis?

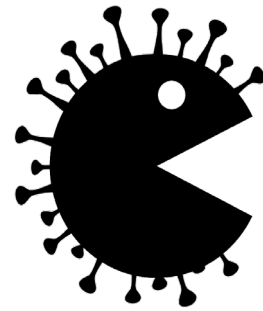
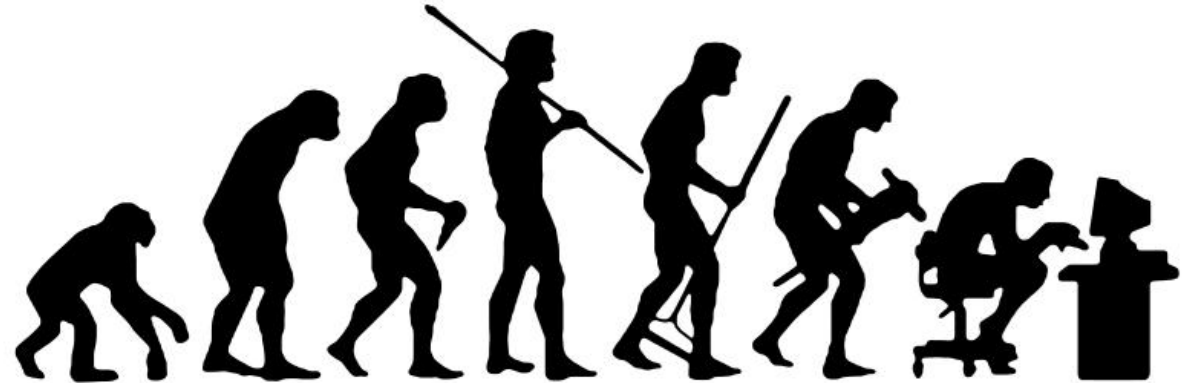
- The Metaverse?
- The Age of Intelligence?
- Enshittification?
- A Poisonous Internet?



Humanity faces multiplier~~ises~~ Human-made: Humanities' solutions?



Warming stripes (Ed Hawkins)
Annual global temperatures, 1850-2021
Blue = cooler than normal
Red = warmer than normal



Not *why*, but **how**?



What's next?

Let's explore this digital
landscape,
together!

Content Cue:

What is your earliest memory/an early memory
of digital technology/media?