

AI 2.0 – REALITY CHECK: A Book by FRANK That Takes a 360-Degree Look at the Technology Tsunami Reshaping Humanity

Four parts and five months of research: from Ada Lovelace's first algorithm to the arrival of AGI, with scientific depth and a sharp sense of humour

Geopolitician, author and deep tech board advisor FRANK presents *AI 2.0 – Reality Check*, first published in 2023. It is a clear, fact-based guide to artificial intelligence, the technology he describes as "a colossal technology tsunami that is already striking all of us."

FRANK spent five months studying the available research to give readers a complete picture of what is happening now and what may come next. The book asks the questions that keep boardrooms, parliaments and parents awake. Should we automate away every job, even the fulfilling ones? Should we build an AGI that could one day outsmart and even replace us?

Part 1: The Context

The book begins with Ada Lovelace's algorithm of 1843, Alan Turing and the 1956 Dartmouth workshop. It traces the AI winters, then the breakthrough of late 2022. FRANK then turns to today's pressures: governments rushing to regulate, a security disaster in the making, job losses against job creation, China's contradictory ambitions, and the roles of Sam Altman and Elon Musk.

Part 2: The Information Scene

Here AI becomes "our brain exoskeleton." FRANK looks at panic in schools about cheating, whether ChatGPT can be trusted as a search engine, prompting, AI lawyers and historians, and who deserves the credit for AI art, music, photography and poetry. He even asks whether AI can help win a Formula 1 race.

Part 3: The Science Spectrum

This part covers AI's most promising work: xenobots speeding up cancer research, 3D protein structures, retinal health diagnostics, precision medicine, age tech, AI underwater and in space, tsunami and earthquake early warning, and, to the alarm of the French, AI in winemaking.

Part 4: The Future of the Future

The last part takes on the two-hundred-year-old "Frankenstein complex," then covers hyperdimensional computing, photonic quantum chips, memristors, AI hallucinations, AI against the metaverse and, finally, AGI, with a warning to "double buckle up."

Tool or Weapon

The book's central warning is about governance. Nuclear power was developed by governments, which built checks and balances around it. AI is being led by private companies that grow more powerful every day. FRANK calls for "complex adaptive coalitions" of corporations, governments, educators, rival superpowers and moral philosophers, formed in the middle of the worst great-power tensions since the Cold War.

"AI won't wait for us to feel ready," says FRANK. "My advice is simple: Adapt, Adapt and Adapt."

About the Author

FRANK is a geopolitician with a PhD in Geopolitics and a Master's in Economics. He has more than 50 years of international business experience across five industries and has founded eight companies. He advises boards on multi-strategies and deep tech, works as a field consultant in critical minerals and strategic metals, and edits the *Futurology Chronicle*. *AI 2.0* is part of his *Reality Check* series, published under the pen name .FRANK., alongside *Earth Polycrisis*. Signing as The Future Whisperer, his motto

sums up his method: *"Not louder. Earlier. And colder."*

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