Archaeologist - Pratik Hotchandani

1. The term "Artificial Intelligence" : A Proposal for the Dartmouth Summer Research Project on Artificial Intelligence, 1955 set ambitious and aspirational goals aimed at understanding and replicating human-like intelligence in machines. These goals served as guiding principles for the early development of the field and influenced subsequent research directions in artificial intelligence.

2. Evolution of AI Principles: From General Problem Solving to Knowledge Infrastructure (1959-1995): From the foundational "Report on a General Problem Solving Program" in 1959, through the development of expert systems like Dendral in 1993, to the ambitious knowledge infrastructure project Cyc in 1995, these contributions reflect the persistent pursuit of principles for intelligent systems, encompassing generalizable reasoning mechanisms and the construction of extensive knowledge bases.

3. Toward General Artificial Intelligence: Calls for Generality and Principles (1996-2015): From the seminal "Challenge Problems for Artificial Intelligence" urging the development of more general AI systems, to Shane Legg's exploration of "Machine Super Intelligence," and the proposition of "Computational Rationality" by Gershman, Horvitz, these pieces underscore a shared ambition to advance principles that underlie more generally intelligent systems, reflecting a shift toward broader and more comprehensive AI capabilities.

4. Advancements in Artificial General Intelligence: GPT-4 and the Power of Large Language Models: The transformative Transformer architecture (2017), and the groundbreaking GPT-4 by OpenAI signifies a significant leap in natural language processing capabilities, and advanced proficiency across various domains, leading to GPT-4's potential as a substantial step towards Artificial General Intelligence (AGI).