

PATTERNS OF MODERN TECHNOLOGY HISTORY

A Chronological Evolution of Innovation

1940 - 1960

The Dawn of Computation

Transition from mechanical to electronic calculation. The birth of the transistor and mainframe computing architectures.

ENIAC (1945)

The Transistor (1947)

Integrated Circuits (1958)

COBOL Language (1959)

1970 - 1990

Personalization & Networking

Technology moves from the laboratory to the desktop. Introduction of microprocessors and the foundational protocols of the internet.

Intel 4004 (1971)

Apple I (1976)

TCP/IP Protocol (1983)

World Wide Web (1989)

1990 - 2010

The Digital Revolution

The expansion of the World Wide Web, the rise of mobile connectivity, and the transition of media from physical to digital formats.

Google Search (1998)

Wi-Fi Standards (1999)

iPhone/Smartphone Era (2007)

Cloud Computing (2008)

2010 - PRESENT

Intelligence & Autonomy

Focus shifts toward Big Data, Deep Learning, and the convergence of physical and digital systems via IoT and AI.

Neural Networks (2012)

CRISPR Editing (2014)

Quantum Supremacy (2019)

Generative AI (2022)