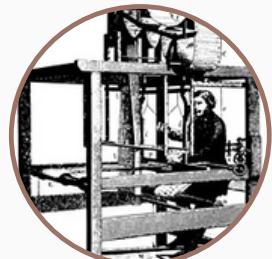


TIMELINE

THE EVOLUTION OF COMPUTERS

19th Century



1837

Analytical Engine
—
Charles Babbage designs the first concept of a programmable computer.



1845

Boolean Algebra
—
George Boole develops Boolean algebra, which becomes fundamental in digital logic.



1876

Invention of the Telephone
—
Alexander Graham Bell invents the telephone, later influencing data communication.



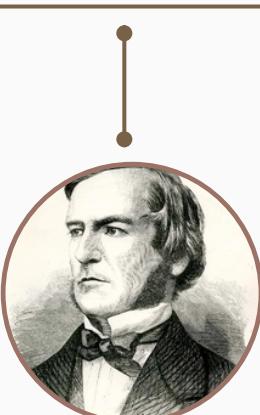
1801

Jacquard Loom
—
Introduced the concept of programmable machines with punched cards.



1843

Ada Lovelace's Algorithm
—
Ada Lovelace writes the first algorithm intended for Babbage's Analytical Engine.



1869

First Mechanical Typewriter
—
The Sholes and Glidden typewriter, precursor to computer keyboards.



1890

Hollerith's Tabulating Machine
—
Herman Hollerith's punch card machine used in the U.S. Census, precursor to IBM.

Images from:

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<https://cdn.britannica.com/68/6768-050-A7F2D15C/engraving-George-Boole.jpg>

<https://www.nastywomenwriters.com/wp-content/uploads/2021/06/ada-image-bates-blog-1024x640.jpeg>

<https://www.computerhope.com/cdn/analytical-engine.jpg>

<https://cdn.britannica.com/81/1781-004-EC525110/Jacquard-loom-machine-top-cards-weaving-pattern-1874.jpg>

TIMELINE

THE EVOLUTION OF COMPUTERS

20th Century



1943 - 1944

Colossus
–
The first programmable digital computer, used for codebreaking in WWII.



1947

Invention of the Transistor
–
Revolutionizes electronics, making modern computers possible.



1971

Intel 4004
–
The first microprocessor, marking the beginning of the microcomputer era.



1936

Turing Machine
–
Alan Turing proposes the concept of a universal machine, fundamental to computing theory.



1946

ENIAC
–
The first general-purpose electronic digital computer.



1964

IBM System/360
–
Establishes a standard for computing architecture.



1981

IBM PC
–
Standardizes personal computing, influencing future hardware and software

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https://upload.wikimedia.org/wikipedia/commons/thumb/6/69/IBM_PC_5150.jpg/800px-IBM_PC_5150.jpg

<https://www.cs.cornell.edu/wy/C4004.jpg>

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<https://brightspot.s3.amazonaws.com%2Farchive%2Fcolossus-70th-anniversary.jpg>

TIMELINE

THE EVOLUTION OF COMPUTERS

21st Century



2001

Apple iPod
–
Revolutionizes digital music and media consumption, influencing portable computing.



2010

iPad
–
Popularizes tablet computing, bridging the gap between smartphones and laptops.



2020

Advances in Quantum Computing
–
Significant milestones by IBM and Google in quantum computing.



1991

World Wide Web
–
Tim Berners-Lee's creation, transforming global communication and information sharing.



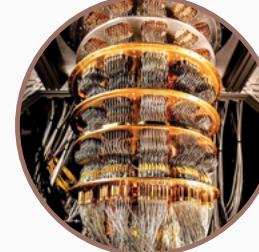
2007

iPhone
–
Merges computing, communication, and media into one device, leading to the smartphone era.



2012

Raspberry Pi
–
A low-cost, accessible platform for learning computer science and electronics.



2023

AI Breakthroughs
–
Rapid advancements in artificial intelligence, influencing every sector of computing.

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