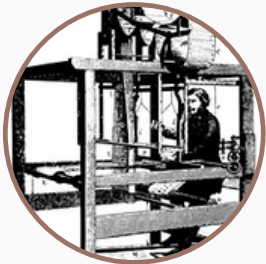


# TIMELINE

## 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.



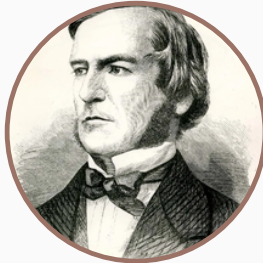
1801

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:

<https://i.ytimg.com/vi/17https://upload.wikimedia.org/On5ItcrBA/maxresdefault.jpg>

[https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQQR2inGRKsATZ\\_5hmjVmaJGEnAa\\_di4tRMvA&s](https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQQR2inGRKsATZ_5hmjVmaJGEnAa_di4tRMvA&s)

<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

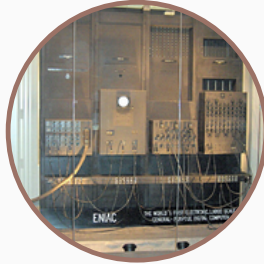
### 20th Century



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

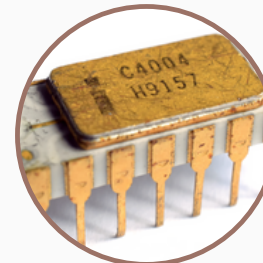
—  
Establishes a standard for computing architecture.



1981

IBM PC

—  
Standardizes personal computing, influencing future hardware and software



#### Images from:

[https://upload.wikimedia.org/org/wikipedia/commons/thu mb/6/69/IBM\\_PC\\_5150.jpg/800px-IBM\\_PC\\_5150.jpg](https://upload.wikimedia.org/org/wikipedia/commons/thu mb/6/69/IBM_PC_5150.jpg/800px-IBM_PC_5150.jpg) [https://upload.wikimedia.org/wikipedia/commons/5/55/Intel\\_4004.jpg](https://upload.wikimedia.org/wikipedia/commons/5/55/Intel_4004.jpg) <https://www.cs.cornell.edu/wy a/AcademicComputing/images/IB M360.jpg> [https://66.media.tumblr.com/9 baff92bd275182502e8b705c2ab62 fb/tumblr\\_n2fq7yp08M1rtynt1o1 \\_1280.jpg](https://66.media.tumblr.com/9 baff92bd275182502e8b705c2ab62 fb/tumblr_n2fq7yp08M1rtynt1o1 _1280.jpg) [https://upload.wikimedia.org/wikipedia/commons/thumb/6/6c/ ENIAC\\_Penn1.jpg/1200px- ENIAC\\_Penn1.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/6/6c/ ENIAC_Penn1.jpg/1200px- ENIAC_Penn1.jpg) <https://assets.newatlas.com/d ims4/default/4df847f/21474836 47/strip/true/crop/2493x1662+ 4+0/resize/1200x800!/quality/ 90/? url=http%3A%2F%2Fnewatlas- brightspot.s3.amazonaws.com%2 Farchive%2Fcolossus-70th- anniversary.jpg> <https://images.squarespace- cdn.com/content/v1/656f4639c7 70ec629203bdbe/8dfbb04b-5d2e- 469d-aa79-04dc99a5f6cf/alan- turing-and-turing-machine.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

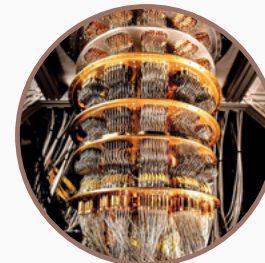
—  
Merges computing, communication, and media into one device, leading to the smartphone era.



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.

#### Images from:

[https://media.licdn.com/dms/image/D4D12AQEfltuUhZi-pw/article-cover\\_image-shrink\\_720\\_1280/0/17173430989098906?e=2147483647&v=beta&t=anFmi0fmi0fqaWcT7ShynlZEy4d-I4tf07pm-hFWB00J0hs](https://media.licdn.com/dms/image/D4D12AQEfltuUhZi-pw/article-cover_image-shrink_720_1280/0/17173430989098906?e=2147483647&v=beta&t=anFmi0fmi0fqaWcT7ShynlZEy4d-I4tf07pm-hFWB00J0hs)

<https://www.raspberrypi.com/wp-content/uploads/2012/11/2012-11-29-14.48.47-HDR.jpg>

[https://media.licdn.com/dms/image/D4D12AQEfltuUhZi-pw/article-cover\\_image-shrink\\_720\\_1280/0/1717343098906?e=2147483647&v=beta&t=anFmi0fmi0fqaWcT7ShynlZEy4d-I4tf07pm-hFWB00J0hs](https://media.licdn.com/dms/image/D4D12AQEfltuUhZi-pw/article-cover_image-shrink_720_1280/0/1717343098906?e=2147483647&v=beta&t=anFmi0fmi0fqaWcT7ShynlZEy4d-I4tf07pm-hFWB00J0hs)

<https://www.internethistorypodcast.com/wp-content/uploads/2017/01/steve-jobs-iphone-2007.jpg>

<https://images.theconversation.com/files/427944/original/file-20211022-19-1s3you.jpeg?ixlib=rb-4.1.0&rect=0%2C35%2C5938%2C3911&q=20&auto=format&w=320&fit=clip&dpr=2&usm=12&cs=strip>

[https://media.cnn.com/api/v1/images/stellar/prod/210614211407-01-sir-tim-berners-lee-puts-original-world-wide-web-code-up-for-sale.jpg?q=w\\_1600,h\\_1075,x\\_0,y\\_0,c\\_fill](https://media.cnn.com/api/v1/images/stellar/prod/210614211407-01-sir-tim-berners-lee-puts-original-world-wide-web-code-up-for-sale.jpg?q=w_1600,h_1075,x_0,y_0,c_fill)