1980

- Apple's IPO: Apple goes public with its initial public offering (IPO) in the stock market.
- Fortran Nobel Prize: John Backus receives the Nobel Prize in Physics for the Fortran programming language.
- Logo Programming Language: Development and release of the educational programming language, Logo.
- Sinclair ZX80 Computer: Launch of the Sinclair ZX80, one of the earliest home computers.
- ADA Programming Language: Creation of the ADA programming language for military and government applications.
- Pac-Man Game Release: The famous Pac-Man game is released, becoming a cultural phenomenon.
- C++ Language Development: Development of the C++ programming language at Bell Labs.
- First CD Player: Sony introduces the first commercial CD player.
- Space Shuttle Platform: IBM launches a space shuttle platform for space missions.
- VMS Operating System: Digital Equipment Corporation releases the VMS operating system.

1981

- IBM PC Introduction: IBM launches its first personal computer, IBM PC, marking a significant milestone.
- Elk Cloner Virus: Creation of the Elk Cloner, the first computer virus affecting Apple II systems.
- MS-DOS Release: Microsoft introduces MS-DOS, its operating system for IBM-compatible computers.
- RISC Architecture Development: The concept of Reduced Instruction Set Computing (RISC) architecture evolves for processors.
- SCSI Standard Creation: Development of the Small Computer System Interface (SCSI) standard for connecting peripherals.
- Color Displays for Computers: Introduction of color displays for computers, enhancing user experience.
- CGA Computer Graphics: IBM releases the Color Graphics Adapter (CGA) for improved computer graphics.
- First Mobile Network: Sweden establishes the world's first mobile network for phones, NMT.
- VT100 Terminals: Introduction of Digital Equipment Corporation's VT100 terminals.
- Hacker Culture Depiction: The movie "Hackers" depicts the emerging hacker culture.

1982

- 3.5-Inch Floppy Disks: Introduction of 3.5-inch floppy disks for data storage.
- Computer Mouse Invention: Logitech creates the computer mouse, revolutionizing user interaction.
- Oracle Database Development: Oracle Corporation develops its relational database management system.
- TCP/IP Standardization: The Transmission Control Protocol/Internet Protocol (TCP/IP) becomes an established standard.
- Commodore 64 OS: Development of the operating system for the popular Commodore 64 home computer.
- PostScript Programming Language: Introduction of Adobe's PostScript for printing and imaging.

- First CD Player Release: Sony commercially launches the first CD player.
- IBM Model M Keyboard: Development of the IBM Model M keyboard, known for its durability.
- Mobile Phone Evolution: Nokia introduces the Mobira Talkman, capable of sending text messages.
- Cable TV Introduction: The United States implements its first cable television systems.

1983

- ARPANET Transition: ARPANET, the precursor to the internet, adopts the TCP/IP protocol.
- First Laptop Creation: Grid Systems Corporation releases the Grid Compass 1101, the first laptop.
- Apple Lisa Mouse: Development of the mouse for the Apple Lisa computer.
- UNIX System V: AT&T launches UNIX System V, a significant operating system.
- SNMP Protocol: Introduction of the Simple Network Management Protocol (SNMP) for network devices.
- Nintendo Entertainment System: Nintendo introduces the NES gaming console.
- Touchscreen Invention: The first touchscreen technology emerges, altering user interaction.
- MIDI Protocol for Music: Creation of the Musical Instrument Digital Interface (MIDI) protocol.
- Mobile Telephony Advancement: Sweden implements the NMT mobile network for phones.
- AS/400 Database Development: IBM produces the AS/400 database for mid-range systems.
- IEEE 802.3 "Standards for Ethernet" was first approved as an IEEE Standard.

1984

- Macintosh Release: Apple launches the Macintosh, featuring a graphical user interface.
- IEEE 802.11 Standard: Development of the IEEE 802.11 standard for wireless networks.
- Computer Mouse Advancements: Development of computer mouse technology by Papert and Minsky.
- Tetris Game Launch: The iconic Tetris video game is introduced.
- TCP/IP Protocol Refinement: Further development and refinement of the TCP/IP protocol.
- AutoCAD Introduction: The AutoCAD software for computer-aided design is released.
- Commodore 64 Game Console: Introduction of the Commodore 64 gaming console.
- Dell's Foundation: Dell is established as a computer technology company.
- Modula-2 Language: Creation of the Modula-2 programming language.
- Filesystem Optimization: Development of the first filesystem optimization program.

1985
- Windows 1.0 Debut: Microsoft introduces Windows 1.0, a graphical user interface operating system.
- JPEG File Format: Development of the JPEG image file format for efficient compression.
- Microsoft Excel: The initial version of Microsoft Excel, a spreadsheet application, is released.
- Super Mario Bros: Launch of the influential Super Mario Bros video game.
- WordPerfect: Development and launch of WordPerfect, a prominent word processor.
- TIFF File Format: Introduction of the TIFF format for high-quality image storage.
- Ethernet Interface: Development and use of the widely adopted Ethernet interface.
- LZW Compression Algorithm: Creation of the Lempel-Ziv-Welch data compression algorithm.
- The Oregon Trail: Release of the educational video game "The Oregon Trail."
- Information Security Algorithm: Advancements in coding algorithms for information security.

1986

- Color Laptop Introduction: IBM presents the IBM PC Convertible, the first color laptop.
- SPARC Development: Sun Microsystems works on the SPARC (Scalable Processor Architecture).
- NeXT Computer: Launch of the NeXT Computer by Steve Jobs.
- Electronic Frontier Foundation (EFF): Formation of the EFF for internet civil rights.
- Adobe Illustrator: Release of the first version of Adobe Illustrator.
- SQL International Standard Version: Development of the ISV of SQL.
- VGA Introduction: IBM introduces the Video Graphics Array (VGA).
- GIF Format: Creation of the Graphics Interchange Format (GIF).
- HP LaserJet III: Introduction of the HP LaserJet III printer.
- MLP for Networks: Release of the MultiLink Protocol (MLP) for communication networks.
- Computer virus "Brain" was the first known virus to infect IBM PC-compatible computers, created by Pakistani brothers Basit Farooq Alvi and Amjad Farooq Alvi to combat software piracy.

1987

- Windows 2.0 Launch: Microsoft releases Windows 2.0, a significant upgrade.
- Verilog Language: Creation of the Verilog hardware description language.
- AutoCAD for Windows: Introduction of the first AutoCAD version for Windows.
- HP DeskJet Printers: Introduction of the HP DeskJet printer series.
- Intel 80386SX Processor: Development and release of the 80386SX microprocessor by Intel.
- OS/2 Operating System: Launch of the OS/2 operating system by Microsoft and IBM.
- Apple HyperCard: Introduction of HyperCard software for Apple Matosh.
- NeXTSTEP OS: Development of the NeXTSTEP operating system.
- 802.11 Wireless Standard: Release of the 802.11 standard for wireless networking.
- V.42 Modem Standard: Introduction of the V.42 modem standard.

1988

- Windows 2.1 Introduction: Microsoft introduces Windows 2.1, an updated version.
- Intel 80386SL Processor: Release of the 80386SL microprocessor by Intel.
- MATLAB Software: Release of the first version of MATLAB mathematical software.
- System V.3 OS: Development and release of AT&T's System V.3 operating system.
- Python Language: Introduction of the Python programming language.
- W3C Formation: Establishment of the World Wide Web Consortium (W3C).
- Linux Kernel: Development of the Linux operating system kernel.
- MP3 Format: Introduction of the MP3 audio file format.
- Intel 80486 Processor: Launch of the Intel 80486 microprocessor.
- PCMCIA Standard: Release of the PCMCIA standard for memory cards.

1989

- Windows 3.0 Introduction: Microsoft releases Windows 3.0, a major advancement in the Windows series.
- Intel 80486DX2 Microprocessor: Launch of the Intel 80486DX2 microprocessor.
- Micro Channel Architecture: Development of the Micro Channel Architecture (MCA) by IBM.
- UNIX System V.4 OS: Release of the UNIX System V.4 operating system by AT&T.
- Adobe PageMaker: Introduction of the Adobe PageMaker desktop publishing software.

- MIPS R4000 Processor: Development of the MIPS R4000 microprocessor.
- CD-ROM XA Format: Creation of the Compact Disc-Read Only Memory (CD-ROM) XA format.
- Standard Template Library (STL): Introduction of the STL in C++ for software development.
- Nintendo Game Boy: Launch of the Nintendo Game Boy handheld console in North America.
- Adobe Premiere: Release of the first version of Adobe Premiere, video editing software.
- Tim Berners-Lee, a British computer engineer at CERN, proposed the concept of the World Wide Web (WWW) for the first time.

1990

- Windows 3.0 Enhancement: Microsoft introduces an enhanced version of Windows 3.0.
- Intel 80486DX2 Processor Launch: Release of the Intel 80486DX2 microprocessor.
- Micro Channel Architecture Development: Ongoing progress in the Micro Channel Architecture (MCA) by IBM.
- UNIX System V.4 OS Release: Official release of the UNIX System V.4 operating system by AT&T.
- Adobe PageMaker Introduction: Introduction of Adobe PageMaker, a pioneering desktop publishing software.
- MIPS R4000 Processor Development: Development and further enhancements of the MIPS R4000 microprocessor.
- CD-ROM XA Format Creation: Introduction and evolution of the Compact Disc-Read Only Memory (CD-ROM) XA format.
- STL in C++: Advancements and improvements in the Standard Template Library (STL) for C++ programming.
- Nintendo Game Boy Launch: Launch of the Nintendo Game Boy handheld console in North America.
- Adobe Premiere Release: Release of the first version of Adobe Premiere, video editing software.

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