

Computer Systems

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February 7, 2024

1 History

1.1 Did the ancient Greeks have computers?

- Antikythera 1 century BC - Astronomical device (more than 30 gears).

1.2 History of computers

- 1642: Pascal's calculator (could add and subtract numbers)
- 1671: Leibniz's calculator (could multiply and divide)
- 1822: Babbage's difference engine (calculate values of polynomials automatically)
- 1831: Babbage's analytical engine (full-fledged computer with storage, arithmetic units, programmable by punch cards)
- 1890: Hollerith's tabulating machine (used for the 1890 US census)