

Computer Hardware Engineer Interview Questions Answers

Atari 8-bit computers Current, Michael D. Retrieved The Atari 8-bit computers, formally launched as the Atari Home Computer System, are a series of home computers introduced by Atari, Inc. (May 29, 2023) [1992]. Antic (Interview). The architecture is designed around the 8-bit MOS Technology 6502 CPU and three custom coprocessors which provide support for sprites, smooth multidirectional scrolling, four channels of audio, and other features. "Atari 8-Bit Computers: Frequently Asked Questions". The 1980 first-person space combat simulator Star Raiders is considered the platform's killer app. Interviewed by Randy Kindig. The graphics and sound are more advanced than most of its contemporaries, and video games are a key part of the software library. , in 1979 with the Atari 400 and Atari 800 95bd66bb6a

PLATO (computer system) Rights to market PLATO PLATO (Programmed Logic for Automatic Teaching Operations), also known as Project Plato and Project PLATO, was the first generalized computer-assisted instruction system. Many modern concepts in multi-user computing were first developed on PLATO, including forums, message boards, online testing, email, chat rooms, picture languages, instant messaging, remote screen sharing, and multiplayer video games. By the late 1970s, it supported several thousand graphics terminals distributed worldwide, running on nearly a dozen different networked mainframe computers. assessment of free-text answers, depending on the inclusion of keywords, and feedback designed to respond to alternative answers. Starting in 1960, it ran on the University of Illinois's ILLIAC I computer 95bd66bb6a

IBM Watson It was developed as a part of IBM's DeepQA project by a research team, led by principal investigator David Ferrucci. Watson. IBM Watson is a computer system capable of answering questions posed in natural language. Watson was named after IBM's founder and first CEO, industrialist Thomas J. It was developed as a part of IBM's DeepQA project by a research IBM Watson is a computer system capable of answering questions posed in natural language 95bd66bb6a

In 1975, Wozniak started developing the Apple I into the computer that launched Apple when he and Jobs first began marketing it the following year. He was the primary designer of the Apple II, introduced in 1977, known as one of the first highly successful mass-produced microcomputers, while Jobs oversaw the development of its foam-molded plastic case and early Apple employee Rod Holt developed... 95bd66bb6a In February 2013, IBM announced that Watson's first commercial application would be for utilization management decisions in lung cancer treatment, at Memorial Sloan Kettering Cancer Center, New York City, in conjunction with WellPoint (now Elevance Health... 95bd66bb6a

Apple I) in 1976. The idea of starting a company and selling the computer came from Wozniak's friend and Apple co-founder Steve Jobs. The computer was brought to Polytechnic The Apple Computer 1 (Apple-1), later known predominantly as the Apple I (written with a Roman numeral), is an 8-bit personal computer electrically designed by Steve Wozniak and released by the Apple Computer Company (now Apple Inc. The company was initially formed to sell the Apple I – its first product – and would later become the world's largest technology company. A differentiator of the Apple I was that it included video display terminal circuitry, allowing it to connect to a low-cost composite video monitor and keyboard instead of an expensive accompanying terminal. letter from Jobs (answering technical questions about the computer), and the invoice (listing "Steven" as the salesman). The Apple I and the Sol-20 were some of the earliest home computers to have this capability 95bd66bb6a

IBM AS/400 In the early 1980s, IBM management became concerned that IBM's large number of incompatible midrange computer systems was hurting The IBM AS/400 (Application System/400) is a family of midrange computers from IBM announced in June 1988 and released in August 1988. Lower-cost but more powerful than its predecessors, an estimated 111,000 installations existed by the end of 1990 and annual revenue reaching \$14 billion that year, increasing to 250,000 systems by 1994, and about 500,000 shipped by 1997. Power Systems hardware. It was the successor to the System/36 and System/38 platforms, and ran the OS/400 operating system 95bd66bb6a

The Atari 800 was positioned as a high-end model and the 400 as more affordable. The 400 has a pressure-sensitive, spillproof membrane keyboard and initially shipped with a non-upgradable... 95bd66bb6a Alan Turing's use of probability in cryptanalysis (see Banburismus) contributed to its design. It has sometimes been erroneously stated that Turing designed Colossus to aid the cryptanalysis of the... 95bd66bb6a Colossus was designed by General Post Office (GPO) research telephone engineer Tommy Flowers based on plans developed by mathematician Max Newman at the Government Code and Cypher School at Bletchley Park. 95bd66bb6a A key concept in the AS/400 platform is Technology Independent Machine Interface (TIMI), a platform-independent instruction set architecture (ISA) that is translated to native machine language instructions. The platform has used this capability to change the underlying processor architecture without breaking application compatibility... 95bd66bb6a To... 95bd66bb6a PLATO was designed and built by the University of Illinois and functioned for four decades, offering coursework (elementary through university) to UIUC students... 95bd66bb6a

Colossus computer played by Turing and Bletchley Park. History of computing hardware List of vacuum-tube computers Manchester Baby Z3 Z4 The two operators have been variously Colossus was a set of computers developed by British codebreakers in the years 1943–1945 to help in the cryptanalysis of the Lorenz cipher. Colossus is thus regarded as the world's first programmable, electronic, digital computer, although it was programmed by switches and plugs and not by a stored program. Colossus used thermionic valves (vacuum tubes) to perform

Boolean and counting operations 95bd66bb6a

The company's Acorn Electron, released in 1983, and the later Acorn Archimedes, were highly popular in Britain, while Acorn's BBC Micro computer dominated the educational computer market during the 1980s. The company also designed the ARM architecture and the RISC OS operating system for it. The architecture part of the business was spun-off as Advanced RISC Machines under a joint venture with Apple and VLSI in 1990,... 95bd66bb6a The computer system was initially developed to answer questions on the popular quiz show Jeopardy! and in 2011, the Watson computer system competed on Jeopardy! against champions Brad Rutter and Ken Jennings, winning the first-place prize of US\$1 million. 95bd66bb6a

Timeline of computing hardware before 1950 a detailed timeline of events in the history of computing software and hardware: from prehistory until 1949. For narratives explaining the overall developments This article presents a detailed timeline of events in the history of computing software and hardware: from prehistory until 1949. For narratives explaining the overall developments, see History of computing 95bd66bb6a

Steve Wozniak In 1976, he co-founded Apple Computer with his early business partner Steve Jobs. technology entrepreneur, electrical engineer, computer programmer, and inventor. Through his work at Apple in the 1970s and 1980s, he is widely recognized as one of the most prominent pioneers of the personal computer revolution. In 1976, he co-founded Apple Computer with his early business partner Steve Stephen Gary Wozniak (; born August 11, 1950), also known by his nickname Woz, is an American technology entrepreneur, electrical engineer, computer programmer, and inventor 95bd66bb6a

Brian Randell In 1977, Randell published an article The First Electronic Computer in several journals. He specialises in research into software fault tolerance and dependability, and is a noted authority on the early pre-1950 history of computing hardware. when Randell and Allen Coombs answered further questions. In the Brian Randell (born 1936) is a British computer scientist, and emeritus professor at the School of Computing, Newcastle University, United Kingdom 95bd66bb6a

Acorn Computers The company produced a number of computers during the 1980s with associated software that were highly popular in the domestic market, and they have been historically influential in the development of computer technology like processors. "Acorn : Acorn and Element 14 Questions and Answers". from the original on 25 July 2011. was a British computer company established in Cambridge, England in 1978 by Hermann Hauser, Chris Curry and Andy Hopper. 6 May 1999. "Chris's - Acorn Computers Ltd. Archived from the original on 6 May 1999 95bd66bb6a

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