Daniel Coblentz

Professor. Pierce

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Question 1 --

There are some key differences between older generations and modern computers. For example, some of the first computers had limited processing speed and power, minimal storage capacity, and often featured larger, bulkier components. Their appearance also lacked intuitive graphical interfaces. In contrast, modern computers are known for their high processing speeds, large storage capabilities, compact and slim designs, and more connectivity options, for example Wi-Fi and Bluetooth, making them a much more practical choice for daily life for most people.

Question 2 --

I have some experience in Instruction set architecture (ISA), though it is somewhat limited. My strongest knowledge is in the higher level of computer systems (Problem, Algorithm, Programming language and Runtime system). Particularly programming languages (HHL), where I am proficient with various languages, their syntax and their application to solving problems. At the algorithmic level I have a very good understanding of how to design algorithms and evaluate their runtime complexity.

Even though my knowledge is limited, I am eager to expand my knowledge to the lower levels of computer systems, such as microarchitecture,ISA, logic, and circuits to better understand how these components are used to create functional hardware that we use today.