


Computer architecture

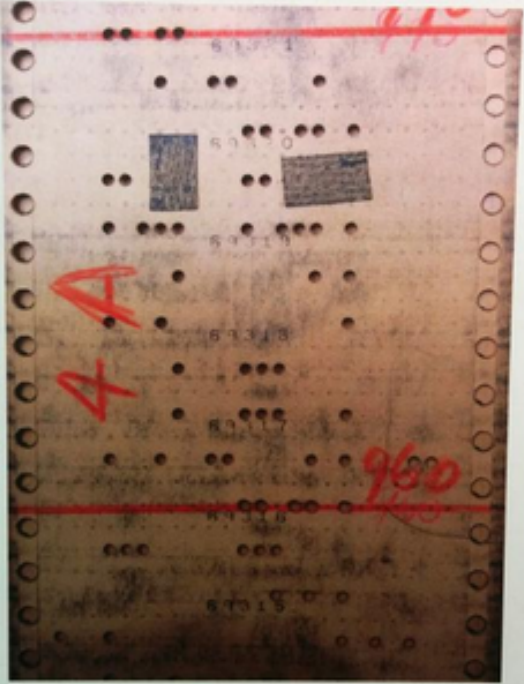
Coming soon?

- von Neumann architecture, and Turing's universal computer
- The fetch-decode-execute cycle
- Moore's Law
- [A physical Turing machine](#)
- [Smaller, Faster, Cheaper, Over: The Future of Computer Chips](#), John Markoff, *New York Times*, 26 Sept 2015

 **Hilary Mason**
@hmason Follow

TIL that the phrase software "patch" is from a physical patch applied to Mark 1 paper tape to modify the program.

The "Patch"



Small corrections to the programmed sequence could be done by patching over portions of the paper tape and re-punching the holes in that section.

Image courtesy of the Smithsonian Archives Center.

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5:16 PM - 9 Oct 2014

Figure 1: @hmason on Twitter