Has AI already taken over...?

- [I Learned On An IBM 1130](#)
- [in 1972 -Chuck](#)

- *The first weekly project was:*
- *Type your name on a card.*
- *Write a program to:*
- *read the card in Fortran,*
- *and to print it out letterwise*
- *backwards [gnilrad kcuhc]*
- *Age 15 (1972)*

Later, we had to plot parabolas on the Line Printer, and print a chart of age vs salary from an employee list stored on the Winchester Drive.

We also had to write a little assembler code for our Monroe Minicomputer.

Meanwhile, in Basic Electronics,

we built tuned oscillators, and

a voice activated circuit, an FM radio

with Tubes, and a transistor AM transmitter.

Class A , B & C amplifier design, germanium and silicon transistor biasing.

Inductive and Capacitive Reactance.

The next year we had to simplify gating circuits with Boolean algebra, and build them.

(teams of two)

RTL, DTL, TTL logic, gates, half-adders, shift registers, flip-flops

(set-reset and J-K) Ring counters and Multipliers. (4 function calculators were

just coming out...)

Homework? For tomorrow, design a
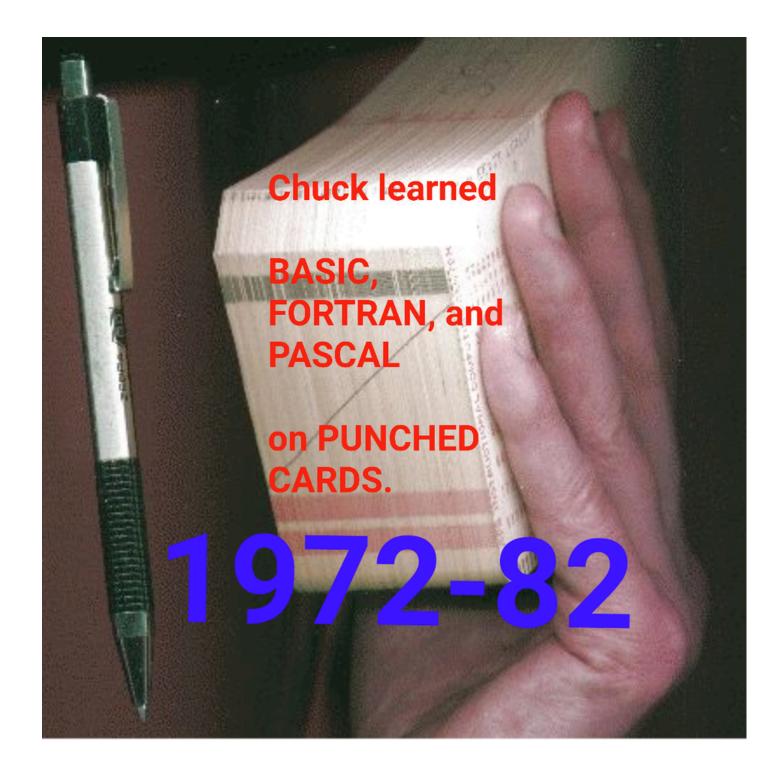
7 segment decoder with diodes...

The next year: working with the PDP-8.

The video above just shows keypunches, (we had 13) and a card sorter (we didn't have)
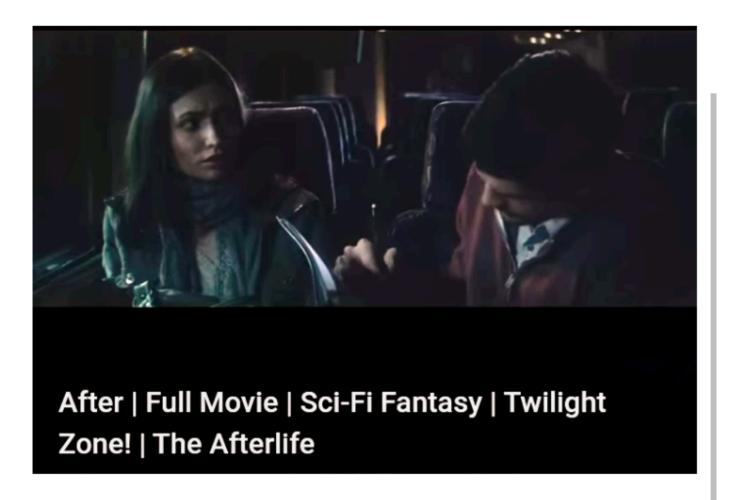
Line Printer

Card Reader

Selectric Console

IBM 1130

Winchester 10Mb Drive
Two removable platters

The next year, some company donated an IBM 360, and a Honeywell Band Printer. They were not compatible.
Two Computer Electronics students in my class built a custom interface.
It worked.

Chuck learned

BASIC, FORTRAN, and PASCAL

on PUNCHED CARDS.

1972-82

- **IBM Fortran: 29 man-years to create...**

Good Films

After | Full Movie | Sci-Fi Fantasy | Twilight Zone! | The Afterlife

Really Good. Full Length Twilight Zone.

Sci-Fi Short Film: "10 Minute Time Machine" |

Short Film. 9:19. Great.

[Chuck's 00Cedar JPICedar]

Lookups

Chuck's Adventure

Beans