

Re: Robots and astronomy

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On Oct 25, 12:10 pm, gb6726 <gb6...@xxxxxxxxxx> wrote:

Here is the question. I wrote a Windows OS on my own. I experimented with all the features of a PC, such as writing programs for it's beep interface to alternate sounds and generate sounds. The sound was just a tone that one could turn on and off and produce simple sounds for computer games at the time. Old PC sounds. But this built in micro sound speaker couldn'ty play music and was very primitive and was merely able to produce sounds for a PacMan. No MP3 was around. So the question is, would I write a music player today with this Windows and include it as a music/multimedia player?

The answer is yes. I was fascinated about all features of a computer and wrote such programs. I had a calculator, editor (Not Word), but all the things of the time, font generator for printing, hundreds of tools that people don't see that come with a Windows OS. My aim was to sparkle programs running in this interface, and of course had 3D buttons that were so cool at the time. Sparkle was important. Programs needed juice in appearance. All the latest 3D gadgets, screen saver that was creating wows, effects

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that Hollywood seeks
placed in a computer and a school teacher in
computer science walked
by my Windows and saw special effects that
he couldn't believe running
on my PC while the others had extremely
primitive simple little
programs
on theirs. Many hackers were into others'
technologies, I only cared
about
mine to be something of, you know. Many
said they can't believe that
by
the end of school I wrote an entire Windows
OS. It was just a crazy
magnitude of getting into the depths of
operating systems. Simple
programs were what programming was
about, to write something that
does what a company needs. I made effects
on the screen that made
people dizzy, I got into all ports to control
the screen and special
effected
not based on programs but based on
hardware. Mathematical curves,
I just did random inventions, not deep math,
special effects were born
and
many effects were used in my Windows.

The only solution then is many small
Windows as I too would feel
compelled
to offer a media player, but if there would be
competition I would
have to
sell it separately. Americans are dumbheads
of power and money and
non-competitive domination carried in all
business books, a mind of
winning but not seeing, humanly. In 1989 I
had dim features in my
Windows
to create a calm effect on the eyes. Microsoft
Windows till today did
not
offer that feature as a basic need. I just went

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with my own
inventions.

I was just caring of one thing. A large screen with a bright
white
background
bothered my eyes. I needed dim effects. I didn't want to
lower the
brightness,
I wanted a full experience and a calmer atmosphere.

What takes a year of programming takes three weeks to write
from
scratch
if restarting based on living in that code on a daily basis. A
learning curve of
the task, remembering each line of code.

The world of code. Dynamic programming, a very special programming
language was the first I learned and adore it till today, a batch
programming
language on a russian super-computer.

Every line can be constructed with replacents of commands themselves,
meaning a program itself can be constructed based on macros, and when
that feature was available I used it all the time. You can just say

```
i = 'print hello world'
```

And then write 'i' and it executes it on that line, or write print
hello world
directly on that line, or change i later.

Yes, with AI you move away from structured programming languages,
though
they were the result of the original AI research.

You are back into command lines. A formulation of a simple program

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with
a sequence of commands.

I remember, classes, structures forming can later become incompatible with unexpected new requirements and entire programs had to be rewritten from scratch. It is hard to see into the future. Playing with
with
computer programs have many many decades of experiments. But none succeeded in writing a program yet. We all live in a dream and imagine being around such programs in our lives.

I went to work to an industrial automation company that uses robots to build Nokia cell phones. I said I want to go there and learn robotics.

All the ideas of creativity in AI dull away as to interface software and
and
robotic motion control is so much electronics and hardware control that everything breaks down in the simplest of things, a code written for years just for the simplest tasks, millions of dollars of equipments,
alignments, synchronizations, working with electrical engineers, but using cameras to zoom in to small things, a standard of programming exists by a language called CNC that workers can use to train a machine
in a factory to move step by step through a program and the robotic arm carries out those things, but not much mind. Such machines are made to be precise in a factory and repeat millions of sequences one after the other as cellular phone parts move through the assembly line, and the machine I programmed was lost in a sea of machines that all did different things.

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