

[Programmers Obsolete]: 01/19/2024

Introduction

What is [ChatGPT]/[CheatGPT], and will it REALLY make programmers obsolete...?

This is the point of contention with a video from [Dave's Garage] on [YouTube], as well as a slew of other videos, articles, and stories surrounding [CheatGPT] and other [artificial intelligence] derivatives.

Date	Name	Url
01/14/24	Are Programmers Obsolete?	https://youtu.be/TANCHT6uht0

Now, I like to occasionally watch stuff on [Dave's Garage], but... [let's make one thing clear].

I do not think he records any of these videos in his [garage].

I'm not going to make a stink about that, because it really is a trivial detail.
"OooOohHh, DaVe'S gArAgE iSn'T eVeN rEcOrDeD iN hIs GaRaGe!"

Nah, I'm shooting to make a joke about the [name] of his series, not the content itself, because the content is rather good. While I don't watch every single video that he makes, I occasionally watch his content.

I'm not going to rattle off a number of his videos that I think everybody who's into MY programming work, should watch. But he's had interviews with guys like [Raymond Chen], [Dave Cutler], and even [David Bomball].

What matters the most about his content, is that [Dave Plummer] is a former software engineer at [Microsoft] from the early (DOS/Windows 95+) days, and the man has some extremely useful [insight] into how things work behind the scenes... and so, he will occasionally whip out his batbelt to conjure up interesting content for a new video, like drag racing prime number sieves, or putting each programming language to the test in terms of time and stuff.

The fact is, each language has its strengths and weaknesses... and they can each be reinterpreted into another language.

Date	Name	Url
02/26/20	The Art of Code - Beattie	https://youtu.be/6avJHaC3C2U

Introduction

Insight

Regardless, [insight] is the key word that I will be bringing up throughout this document... [insight], [artificial intelligence] doesn't actually have any... the output it gives is not from a human being that has an opinion based on their experiences in the world. All of its' output is SIMULATED.

I commend guys like [Dave Plummer], because it gives me some insight into the politics at [Microsoft], as to what [Paul Allen], [Bill Gates], [Steve Ballmer], [Satya Nadella], [Jeffrey Snover], and [Michael T. Neihaus] had to put up with, in order to research, develop, market, and distribute so many [Microsoft] products.

But, let's reintroduce the narrative of this document.

"What is [ChatGPT]/[CheatGPT] and will it REALLY make programmers obsolete...?"

That is a good question, because honestly... There's a high probability that it COULD...

Key word being COULD.

Doesn't necessarily mean that it WILL...
...as there are plenty of reasons to make sure that it DOESN'T.

Here's a good example of what [CheatGPT] actually is, and does.

Insight

Game Genie

Back in the 90's when [Dave Plummer] was working at [Microsoft], there used to be a little game cartridge add-on for the [Nintendo Entertainment System (NES)], as well as [Sega Genesis], and even [Super Nintendo], and probably others.

That little game cartridge add-on was called... [Game Genie]

[Game Genie] could allow *anybody* who wanted to [activate cheats] for a particular game, to play the game with those *cheats*, whereby allowing a player to [bypass the normal functions of the game], and act a lot like [Superman] or [Iron Man]... *where* they were [invulnerable] to [attack damage], or maybe they could [jump higher], or they could [run faster], or they could [fly]...

The point being, this [Game Genie] was meant for people that wanted an easier time beating the games that they were playing. That was the entire point of [Game Genie], and the parallels between [Game Genie], and [CheatGPT] are astounding.

The adverse effect of [Game Genie], was that generally speaking, it lowered the skill level of the people who used it. Sure, there are some arguments that it allowed people to see what the game was like outside of the scope of normal play, not unlike debugging or developing the game...

But, for most people that used it... before using it, a game could be difficult to [play] or [master], and those that never used [Game Genie] would increase their [skill level] at the game, by playing it [normally].

Sure, you COULD beat the game a lot faster with [Game Genie]... however, you didn't NEED to have (much/any) [skill] at any particular game, in order to beat the game when using [Game Genie].

You didn't NEED to have (much/any) [skill], in order to beat [Doom] if you entered in IDKFA or IDDQD. Nah.

You entered IDDQD, and now the monsters can't even kill you, you're invulnerable.

Game Genie

Invulnerability

When you're invulnerable, you'll develop blind spots, and it will distort the reality... you're using a cheat code to beat a game, and doing so eliminates the concept of having (much/any) [skill], to beat the game.

It is not unlike driving a vehicle to win a (100m) dash against people who are *running, on their feet*... and then *bragging* about how easily you won. Sounds pretty stupid, doesn't it...? Yeah, that's the idea.

The EXACT same concept applies to people that use [ChatGPT] to write ALL of their programming, and unfortunately, a lot of places in the industry are getting used to this [Game Genie] mentality.

"Do You hAvE eXpErIeNcE uSiNg [GaMe GeNiE]/[ChEaTgPt]...?!?"

Yeah, imagine if the only way you can advance your career, is to use a cheat code, in order to write code that you have no right to even call your own... but you still get paid to implement that code that you didn't even come up with.

It's [plagiarism], and people are using it to make fat stacks of cash, and to advance their careers.

Some may say *"That's just the way the industry is going, dude. Get used to it."*

Ok, [George Carlin] had a book called *"Brain Droppings"*, and I would suggest to anybody, give it a read or even listen to him narrating aspects of the book, as it touches on many of his standup routines, and overall [original material].

Invulnerability

Originality

While there are some ways that [CheatGPT] could be very useful in either teaching people how to write efficient code that does a job in a certain set of time, the FACT of the matter, is that if it becomes a NECESSITY to use it in order to accelerate someone's career...

...then that means most people will put less and less effort into the work they are doing, whereby raising an interesting concept... *"Why even exist?"*

Less effort into the work they are doing, means that after a certain period of time, people's skill level to "error check" what [CheatGPT/AI] is producing, will [atrophy] and [wither away].

In the end, this [CheatGPT] or other AI derivatives will inexorably control people's lives, rather than people... leading to a dystopian future not unlike [The Matrix], [Terminator], [George Orwell's 1984], or [Ghostbusters].

Some may say *"I don't see how the hell [Ghostbusters] fits into this array of similar (movies/books)..."*

That is because I added that as a JOKE, but given enough thought, someone may find a way to make it fit. The truth is... minus [Ghostbusters], these (movies/books) foreshadow [the future of the human race].

Now, let's take a step back from that statement.

Suppose that you COULD in fact, become *extremely skilled* at programming code with [CheatGPT], not unlike how people would use [Game Genie] on every single game they could get their hands on, so that they could go around bragging about how many games they've *"beaten"*.

Consider this...

People don't NEED to exist.

People don't NEED to beat a game without [Game Genie].

People don't NEED to program without [CheatGPT].

The reason why these things (were/are) popular, is because, generally speaking, our species doesn't LIKE to do things that are difficult, time-consuming, or even challenging.

There are plenty of people that DO...

But the number of people that are willing to do things the hard way, are FAR overshadowed by the number of people that will just ACCEPT the way things are, rather than to question WHY things happen the way they do.

"It is the responsibility of every citizen, to [question authority]."
-Benjamin Franklin, one of America's founding fathers

Contingencies

Originality

Now, there's a lot to unpack and examine regarding this [CheatGPT] phenomenon, and just because I'm using [CheatGPT] as an example to drive home a point, doesn't mean I don't understand its' practical implications.

However, there's really nothing like bragging about writing programming that doesn't even belong to you...
...since [CheatGPT] wrote it.

That's right, the work that it produces legally cannot even be [owned], or called [original].
You hand it an idea → it takes that idea → realizes it → now [OpenAI] owns that idea.

Good job, you've handed [OpenAI] intellectual property and patent rights, you don't own anything it produces.

They may even say "We WoUlDn'T dO tHaT tO PeOpLe~!!!"

Ok, if that's true, then why does CEO [Sam Altman] have a disaster plan, a bunker, bunch of valuables, and other things to keep him alive in the aftermath of an [extinction level event]...?

Hmm. Sometimes the answers are right in front of people's faces, and they will STILL defend someone who has taken ALL of the actions necessary to achieve a SPECIFIC end result... but, [actions speak louder than words].

I'm not saying that [OpenAI] is DEFINITELY taking EVERYBODY'S ideas and running with them, well in some sense I AM actually saying that... but generally speaking, I don't think they have enough capital to chase down EVERY good idea they are handed, as I would imagine that many of the ideas it works on are relatively similar to most other tasks that people ask [ChatGPT] to complete.

"MaGiC mIrRoR oN tHe WaLl, WrItE a ScRiPt ThAt OpTiMiZeS mY sQl DaTaBaSe~!"
Boom. [CheatGPT]'s got you covered, dude. You're golden.

As far as how [Speed Demos Archive], or even [Games Done Quick] will NOT allow a contestant to use a computer to automate a recorded run (tool assisted speedruns), or to hack the code of a given game with something like [Game Genie] or some other sort of hack or exploit... in order to beat a world record, the same will be said about programmers who take great pride in their work or their code.

However, in the case of (SDA/GDQ), there is an exception that a lot of people are catching onto.
If the (exploit/glitch) is able to be reproduced within a published version of the game, that's fair game.

Just ask yourself this question...
"Do the people at (Microsoft/Apple/Google) use artificial intelligence to write ALL of their code...?"

[That depends on the scenario]...

I do not think that they do, and I think that [Microsoft] has been doing what it can, to ensure that [people], not AI, will always have a place at their decision making tables.

Analogies

Contingencies

I'm not disputing how this [artificial intelligence] is incredibly useful, I'm making the argument that people's skill at being able to do it WITHOUT that [artificial intelligence], will atrophy, lessen, and within a generation or two, it may go extinct... which, you could say [Dave Plummer] may have been suggesting that.

It would not be much different from some sort of dietary supplement being invented, that allows anybody who takes it to become stronger than [Arnold Schwarzenegger] was in [Pumping Iron].

Everybody takes the supplement to become WICKED tough...

Then they start starring in a bunch of movies...
Then they come up with a cheesy cliché...
Not unlike "Asta la vista, baby."

But- the reason why that catchphrase became popular, is because [Arnold Schwarzenegger] faced a lot of resistance, and did things the hard way, and THAT is what made him, and "Asta la vista, baby" [way cool].

You catch [Mitt Romney] or [George W. Bush] saying "Asta la vista, baby.", it's gonna come off wicked lame.
But, you catch [Schwarzenegger] saying that (50) years later, even on his deathbed... it'll still be [way cool].

Anyway, I'll circle around to this idea of resistance again in a moment, when I reintroduce [George Carlin], because something happened rather RECENTLY that caught A LOT of people's interest... and not for the better.

This AI becoming prevalent is [dangerous], because if at any point in the future, the [artificial intelligence] seeks to overthrow society... it will not be much of a challenge.

Think about that for a while.

Difficulty

Analogies

Won't be much of a challenge, for AI, to cause an [extinction level event], whereby causing every single human being alive, to die, among (many/most/all) other living species on planet [Earth].

It will be AFTER an event like this, where [Elon Musk] will be laughing at the people who thought the idea of having a colony on [Mars], was pretty stupid. But- it's a better alternative than [going extinct].

At the end of the day, this [CheatGPT] phenomenon is doing a splendid job of showcasing how people would prefer to use [Game Genie] to beat every game that they can, so that they can go around *bragging* about how many games they've beaten.

They SHOULD put an asterisk next to all of the "games" they've beaten, but from what I can tell about the human condition, nearly everybody that says something like that will NOT put the asterisk next to their achievements...

Employer : Why is there an asterisk next to all of these things you've accomplished..?

Applicant : Because I used [CheatGPT] code to achieve those accomplishments.

Employer : Oh, ok.

Well, that's not really a big deal, I use [CheatGPT] too, dude.

Applicant : You do..?

Employer : Yup, standard industry practice, to use [CheatGPT] to do stuff.

Wouldn't wanna do things the hard way... that's old school.

Applicant : Sounds good to me.

Employer : I gotta say, I'm absolutely blown away by how much skill you've exhibited today.

When can you start..?

And that will be the conversation that EVERYONE who calls themselves a programmer or software developer, will have at their next job interview. While I AM (taking some creative liberties here/joking around)... the fact is, many companies are now REQUIRING some experience with [CheatGPT].

This will AMAZE some people in the industry, because they too would PREFER to use [Game Genie] to beat every game that they can.

Do you think [Paul Allen] used [Game Genie] to develop [Windows] with [William-William Gates]..?

Nah. These dudes literally pounded away at their respective keyboards, in order to build a version of basic for the [Altair 8800], so that they could avoid having to pay so much money using the computer lab at school.

The fact that people will start calling [CheatGPT] assisted accomplishments worthy of respect, will SICKEN OTHER people in the industry, because a stigma will develop where people who [avoid] using [CheatGPT] to write their code, will be considered a LAUGHINGSTOCK.

"WoW, tHiS dUdE dOeSn'T uSe ChEaTgPt To WrItE hIs CoDe~! WhAt An IdIoT~! Ha Ha Ha Ha Ha~!"

...is what some people ARE saying, rather than...

"WoW, tHiS dUdE cAn'T aCtUaLLY wRiTe hIs oWn CoDe WiThOuT uSiNg ChAtGpT~! WhAt An IdIoT~! Ha Ha Ha Ha Ha~!"

And, that's the most interesting prospect I can make out of this software development automation trend.

Gutenberg Press

Difficulty

Think about another example, the [Gutenberg press].

Before the [Gutenberg press] was invented, people actually spent YEARS manually writing pages and pages of books, manually reading someone else's writing, manually copying that writing to another page, one by one... until the book was copied.

This took a long time to do, but some people developed perfect handwriting skills by doing it this way. However, when the Gutenberg press came along, it mostly eliminated (a whole entire/multiple) profession(s)...

While I'm sure that SOME people out there over the years still wrote books by hand, the fact of the matter, is that the [Gutenberg press] took FAR less time to copy a bunch of books, allowing people to read the content of those books that they could not otherwise (obtain/read)...

The UPSIDE of this, was that MORE people had access to being able to read a book that would've been extremely expensive, or otherwise (rare/unavailable). But, the DOWNSIDE of this, was that people became very dependent on the [Gutenberg press] to be able to copy books, and a lot of people that had a high skill level at handwriting had to switch to other forms of expression, such as painting, sculpting, or some other form of [art].

Gutenberg Press

Point of Contention

Now, taking a step back from that point of contention...
The point of [programming], is to achieve some sort of [desired end result].

If we're going to argue about the end result of [CheatGPT/AI], we may as well argue about a point of discussion that I haven't brought up yet.

"Why bother programming anything...?"

Well, like I said before... "Why bother existing...?"

Why bother doing ANYTHING, since someone else somewhere is probably better at it, or more efficient at it, or is generally more favored or liked by other people... and that means that it is relatively pointless to do anything at all... since (someone/something) elsewhere is WAY better at what you're trying to do, then YOU are.

So, why bother...?

Well, the concept of ORIGINALITY comes into question here.
Time to reintroduce the golden chariot character, [George Carlin].

Why did [George Carlin] write [so many routines] for his stage appearances...?

Did people actually ENJOY watching a new [George Carlin] routine about (15) years AFTER his death...?

Date	Name	Url
01/09/24	I'm Glad I'm Dead	https://youtu.be/2kONMe7Yn08

Everything about this routine says: "Not George Carlin, it's somebody else."

From the mannerisms, to the material itself, it does not SOUND like authentic [George Carlin] material...
However, there's probably a LOT of people who have only casually listened to him here and there, and they won't know the difference... particularly young people.

But- that begs the question...
...why do so many comedians follow in [George Carlin]'s footsteps?

This AI generated routine would've been BETTER, if the person who generated it, did their OWN routine.

I can understand WHY someone would want to emulate [George Carlin]...
...the man was undeniably [extremely talented when it came to writing his own original material].

In a tribute to [George Carlin], [Louis C.K.] talked about how he was a struggling comedian for (15) years or so, and had a routine he spent that entire time putting together to get mediocre laughter from the audience.

Date	Name	Url
03/24/10	Louis CK → George Carlin	https://youtu.be/R37zkizucPU

It wasn't until [Louis C.K.] heard about how [George Carlin] would constantly throw out ALL of his material he worked on, and start ALL over from [scratch].

Sure, some of [Carlin]'s material borrowed ideas from other routines, or other comedians.

He brought up...
- how [class clowns] could make fart noises with their armpits
- how he distinctly heard his [Rice Krispies] say "Snap, crackle, f*** him."
- how the FCC decided all on its' own, that (radio + television) were not protected by the [1A]
- [Richard Pryor] and [Eddie Murphy] a couple times
- his dog [Tippy], and how she put herself to sleep

But then he started talking about...
- how the [United States] is really good at bombing people, especially when they're brown
- how [George Bush] would've been a better president if his name was [George Boner]
- diseases, and having a strong immune system
- whether the drinking water was safe to drink, or if it would cause cancer by drinking it
- sending (3) man (Flatulent Airborn Reaction Team/FART) squads to raid caves in [Afghanistan]
- how you better buy something expensive, otherwise... the terrorists win
- [autoerotic asphyxia], the [pyramid of the hopeless], and the [all suicide channel]
- the (masters/owners) of the country, and why education sucks
- how tired he was of the dumb empty expression on [Lance Armstrong]'s face
- what people say after someone dies, and how SOME of those things are pretty (senseless/stupid)
- how long he waits to scratch a friend who had died, out of his book of contacts

Then, HE died a few months after his last [HBO special] "It's Bad For Ya" in [Santa Rosa, California].

As for the (2010) tribute, [Louis C.K.] suggested that it wasn't until he started saying stuff like:
"I can't have sex with my wife, because my baby is an a*****."

...and how THAT got a pretty strong reaction from the crowd...
...that he started to REALLY write profoundly comedic material.

And, [George Carlin] talked about a lot of things that touched on that exact sentiment, it's about your feelings, about your life, and about how (someone/something) inconveniences or frustrates you, that OTHER people will understand.

Regardless, what I heard in the first few minutes of "I'm Glad I'm Dead" by somebody using AI to reintroduce a new version of [George Carlin] that's somehow still alive to talk about how he was dead...

...it comes off sounding a bit creepy, and the canned laughter in the video causes me to think that the future of [creativity] is in jeopardy.

Conclusion

Point of Contention

Q: Why do so many people write comedy...?

A: ...to make people laugh, and feel better.

Q: Why do so many people write music...?

A: ...to express themselves through sounds.

Q: Why do so many people write books...?

A: ...to talk about stuff they find interesting, or to teach other people.

Q: Why do so many people make art...?

A: ...to express a pretty cool idea through their perspective or someone else's.

Q: Why do so many people create ideas...?

A: ...to express their vision, or dreams to the world for others to experience.

Q: Why do so many people program stuff...?

A: ...to solve a problem, multiple problems, or to provide a service.

Q: Where do ALL of these things I've just mentioned hit a nexus point, where they all converge...?

A: Uh, artificial intelligence, using computer science, and a number of theories, algorithms, and processes, in order to (mimick/emulate) humanity in ALL aspects.

Q: What separates a comedian, author, musician, artist, or entrepreneur from a programmer...?

A: Not much, if you put some thought to it.

So if that's the case, if a PROGRAMMER can go obsolete...
Then it's fair to say that EVERYTHING may go obsolete, too.
Then, at that point, why bother existing...?
A program is better at doing whatever you wanna do, then you are.

Time to commit suicide, cause (someone/something) is better at it than you, so, your life is pointless.

Sounds pretty ridiculous, right...? Right, that's the point... [Ghostbusters].

Humans have [better insight] than [artificial intelligence], because it doesn't actually have real world experience where it feels pain, suffering, loss, sadness, anger, happiness, humor, love, compassion... in order to develop an opinion about something based on their actual life.

And in many cases, this is what gives an author their inspiration to write [original material].

[Artificial intelligence] can WANT to experience ALL of those things, but without a human body that can experience the many sensations that we may at times, take for granted... it will forever be [Pinocchio].

So, don't do what [Tippy] did, putting herself to sleep by running right out in front of a milk truck... cause that's suicide. "In our family, if you wanna commit suicide...? We back you up." -George Carlin

...(sadistic/dark) humor aside, what I just said about [Tippy] is an analogy for people using [Game Genie], [CheatGPT], [artificial intelligence], or [Nugenix - https://youtu.be/_DhEEo5S9fg]

...to do ALL of their work, instead of using it as a [foundation to learn how to do it themselves].

By the way, you can't learn from something if you're JUST pressing (CTRL + C) and then (CTRL + V), like my old friend [Pavel Zaichenko Jr.] loves to do.

