

No, CHATGPT ISN'T GOING TO TAKE YOUR JOB

but it might just help you get things done

May 8, 2023

Matt Williams | <http://linkedin.com/in/mattkwilliams> |
matt@pragmaticallysustainable.tech

About Matt



Wears lots of hats: Dad, Cat Slave, Mentor, Speaker, IT Professional, Handweaver, Game Designer, Novice Photographer, Leader, Cook, & Renaissance Person in Training

Can be found: Online, wandering parks with a camera, behind a loom, playing/designing tabletop games, and conferences near you

Slides Available

<http://github.com/aetherical/no-chatgpt-wont-take-your-job>





Fear. Uncertainty. Doubt.



Software Engineers Are Panicking About Being Replaced by AI

An Amazon employee said they feel the craft they have been honing for 15 years is changing. “Yesterday I played with gpt-4 and seeing the results left me with a sense of dread and sadness.”

'Software engineering is a dying profession,' a Microsoft engineer wrote in a Blind post from earlier this week, titled *Face it, golden age is over.*

“ For those concerned about the impact LLMs (like ChatGPT) might have on their coding careers...remember that software engineering is not simply a matter of writing code. That's like saying designing and building a house is merely a matter of laying bricks. ”

— DANNY WALLACE, EBSCO INFORMATION SERVICES

'I've Never Hired A Writer Better Than ChatGPT': How AI Is Upending The Freelance World

Now, freelancers who are less experienced and don't offer specialized skills stand to lose their gigs, according to five clients Forbes interviewed. But rather than steering clear of the AI tool that could make them obsolete, more and more freelancers are relying on ChatGPT to do some if not all their work for them.

ChatGPT could transform academia. But it's not an A+ student yet : NPR

“ You can paste in entire academic papers and ask it to summarize it. You can ask it to find an error in your code and correct it and tell you why you got it wrong. It's this multiplier of ability, that I think we are not quite getting our heads around, that is absolutely stunning. ”

— ETHAN MOLICK, A PROFESSOR AT THE UNIVERSITY OF PENNSYLVANIA'S

WHARTON SCHOOL OF BUSINESS

I'm Not Scared Of ChatGPT But Some Of You Should Be

The rise of ChatGPT compels me to invest in new skills. For instance, it could be years before publishers are comfortable posting a ChatGPT-written article without a human reading over it, since ChatGPT is trained on data before 2021, and has a tendency to be wrong. I'm trying to buff up my editing skills, and I encourage other freelancers to do the same.



“ ChatGPT should be seen as a tool that can augment human intelligence and improve our ability to communicate and solve problems, not as a replacement for it. ”

— CHATGPT

*“ We are only just scratching
the surface of what we can do
when we let AI help us do the
things that are repeatable. ”*



— CRYSTAL BLACK, VP OF MARKETING, ORIGIN AI

Limitations

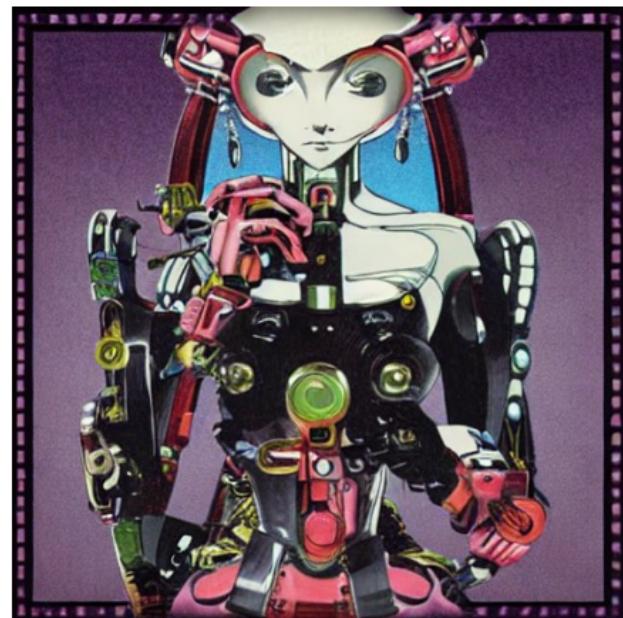


“ While ChatGPT has many strengths, it also has several limitations that make it unlikely to take over the world. ”

— CHATGPT

Inability to understand context and nuance

ChatGPT generates text based on statistical patterns in data, but it lacks the ability to truly understand the meaning of words and phrases.



Language and Cultural Barriers



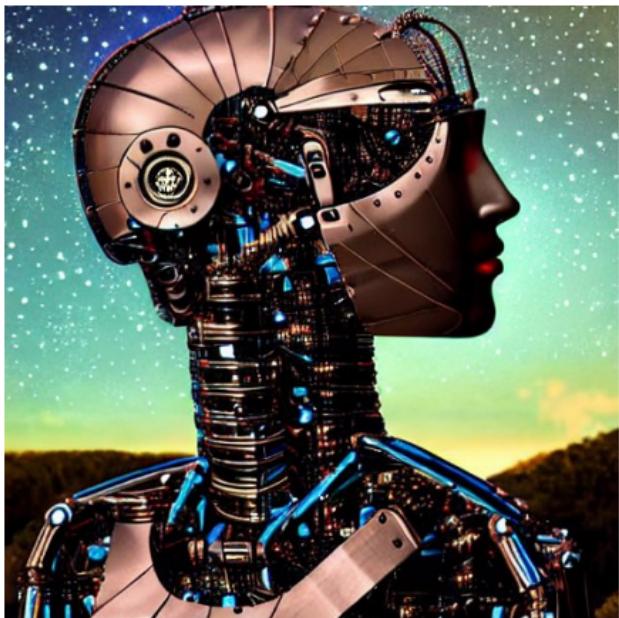
ChatGPT may be able to produce text in multiple languages, but it cannot truly understand the cultural context of those languages.

Emotional Intelligence

ChatGPT may be able to produce text that is emotionally charged, but it cannot truly understand the emotions it is expressing.



Critical Thinking



ChatGPT may be able to produce text that is logical and persuasive, but it cannot truly engage in critical thinking.

Personalization

ChatGPT is limited to generating text based on statistical patterns in data. This means that it cannot truly personalize its writing in the same way that humans can.



Creativity

“ The best way to think about this is you are chatting with an omniscient, eager-to-please intern who sometimes lies to you. ”



— ETHAN MOLICK, A PROFESSOR AT THE UNIVERSITY OF PENNSYLVANIA'S
WHARTON SCHOOL OF BUSINESS

What can it do?

Help You Work Smarter, Not Harder



- Automating Tasks
- Providing Insights
- Streamline communication
- Improve Customer Support
- Enhancing Collaboration

Write Abstracts, Speak at Conferences

As artificial intelligence continues to advance at a rapid pace, many people are worried about the impact it will have on the job market. However, in the case of ChatGPT, those fears are largely unfounded. While it's true that ChatGPT is capable of performing many tasks that were once the exclusive domain of humans, it's important to remember that ChatGPT is a tool, not a replacement for human workers. In fact, ChatGPT has the potential to help people get more done than ever before.

In this talk, we'll explore the capabilities of ChatGPT and discuss how it can be used to streamline workflows, improve productivity, and make our lives easier. We'll look at real-world examples of how ChatGPT is being used today, from automating customer service to generating creative content. We'll also discuss the ethical considerations of using AI in the workplace and explore how we can ensure that we're using these tools responsibly.

Ultimately, the goal of this talk is to dispel the fear and uncertainty that surrounds AI and to show how ChatGPT can

Help You Learn a new language



> Please help me write python code to read a csv

```
import csv

# Open the CSV file using the 'with' statement
with open('your_file.csv', 'r') as file:

    # Create a CSV reader object
    reader = csv.reader(file)

    # Loop through each row in the file
    for row in reader:

        # Print each row
        print(row)
```

Help You Learn a Language

Replace 'your_file.csv' with the filename of the CSV file you want to read.

The code above assumes that the first row of the CSV file contains the column headers. If your file doesn't have headers, you can use `csv.reader(file, header=None)` instead.

You can access the data from each row using the index of the column, like `row[0]` for the first column, `row[1]` for the second column, and so on.

Rewrite emails



Prompt:

“Please rewrite the following email
in a collaborative manner”

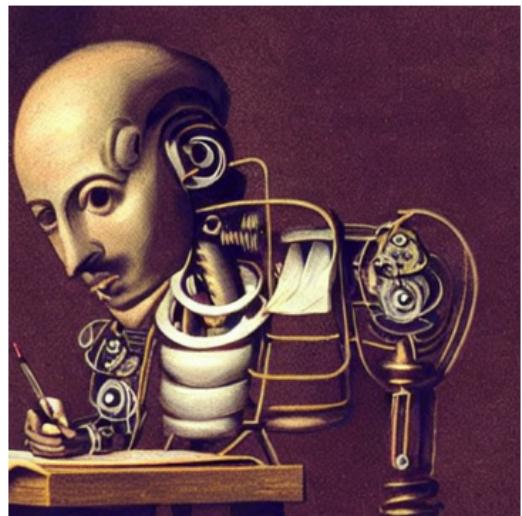
[email text]

Summarize long texts and accelerate your learning:

Prompt:

“Summarize the text below into 500 words or less. Create sections for each important point with a brief summary of that point.”

[insert text]



Summarize long documents and articles.



Prompt:

“Summarize the text below and give me a list of bullet points with key insights and the most important facts.”

[insert text]

Brainstorm new ideas.

Prompt:

“Brainstorm and give me a list of 20 new ideas for [insert desired output e.g. social media posts about your product].”



Train ChatGPT to generate prompts for you.



Prompt:

“You are an AI designed to help [insert profession]. Generate a list of the 10 best prompts for yourself. The prompts should be about [insert topic].”

Train ChatGPT to generate prompts for you.

I want you to become my Prompt Creator. Your goal is to help me craft the best possible prompt for my needs. The prompt will be used by you, ChatGPT. You will follow the following process: 1. I want to write about: sustainable IT. We will continue to improve it through iterations with the following steps. 2. Based on my input in step 1, you will now generate 3 sections. a) Revised prompt (provide your rewritten prompt. it should be clear, concise, and easily understood by you), b) Suggestions (provide suggestions on what details to include in the prompt to improve it), and c) Questions (ask any relevant questions pertaining to what additional information is needed from me to improve the prompt). 3. We will continue this iterative process with me providing additional information to you and you updating the prompt in the Revised prompt section until it's complete.

Understand things faster by simplifying complex texts.

Prompt:

“Rewrite the text below and make it easy for a beginner to understand”.

Can be very helpful in understanding complicated texts like research papers and technical documents.



Use the 80/20 principle to learn faster than ever.



Prompt:

"I want to learn about [insert topic]. Identify and share the most important 20% of learnings from this topic that will help me understand 80% of it."

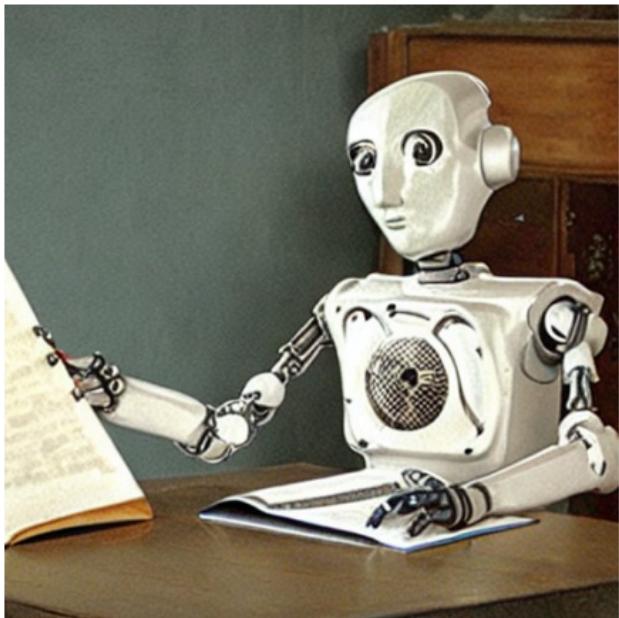
Create a LinkedIn Tag

Prompt:

"I am an [field] professional with [experience]
in [area]. I also [X]. I am interested in [Y].
Please write a LinkedIn tag for me."



Rewrite Resume



Prompt:

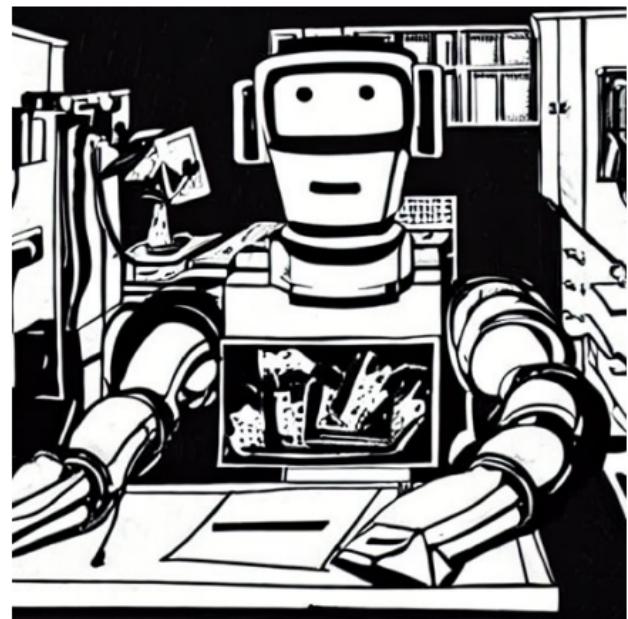
“Please rewrite the following resume to target a [role]:”

[resume]

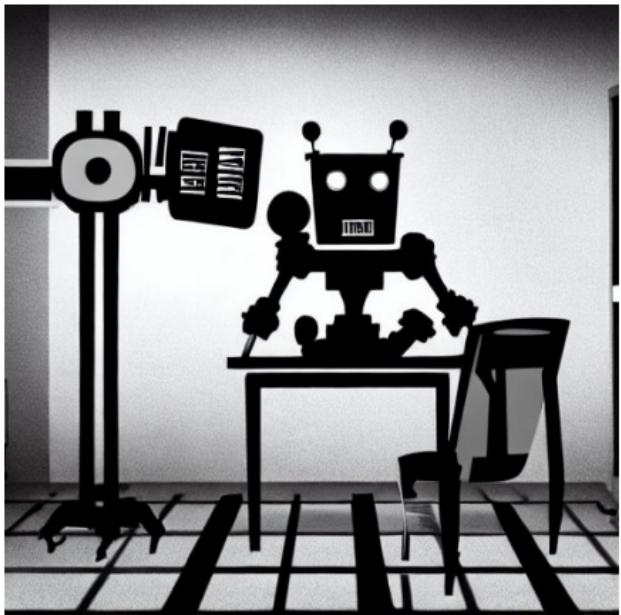
Write a cover letter

Prompt:

Based upon the following job description and resume, please write a cover letter for me. I do not know anyone at the company.



Prepare for a job interview.



Prompt:

“I am interviewing for [enter position]. Can you give me a comprehensive list of questions interviewers will ask me during this interview. Also provide brief answers to each question.”

Improve your writing.

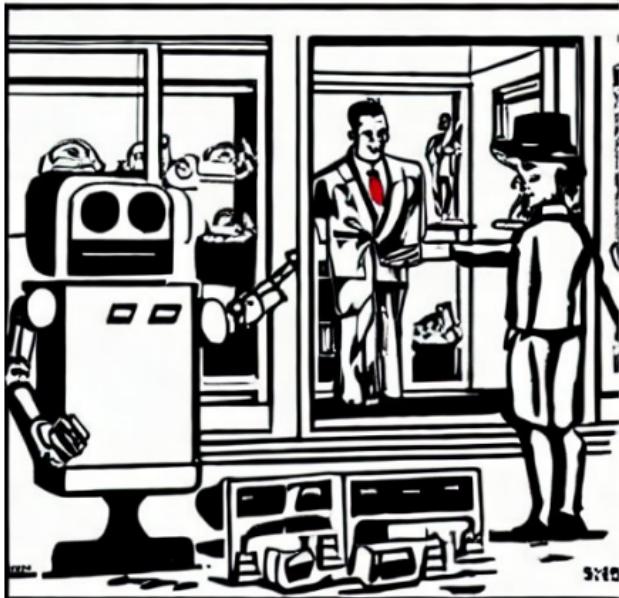
Prompt:

[paste your writing]

“Proofread my writing above. Fix grammar and spelling mistakes. And make suggestions that will improve the clarity of my writing.”



Generate marketing and sales copy in seconds.



Prompt:

“You are an email marketer. Generate an email [or other text] for a marketing campaign that offers our customers a 20% discount if they buy today [or alternate offer of your choice].”

Enhance your problem solving skills.

Prompt:

[insert problem]

“Give me a step by step solution to the problem above with clear instructions on how to execute each step.”



Learn and develop any new skill.



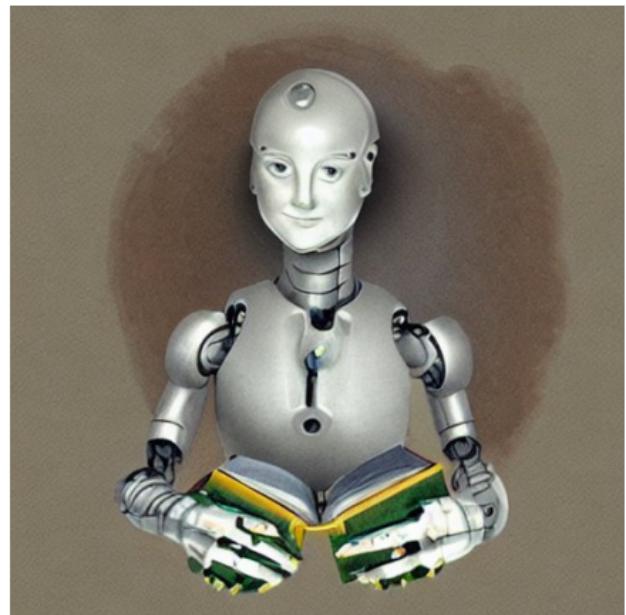
Prompt:

“I want to learn / get better at [insert desired skill]. I am a complete beginner. Create a 30 day learning plan that will help a beginner like me learn and improve this skill.”

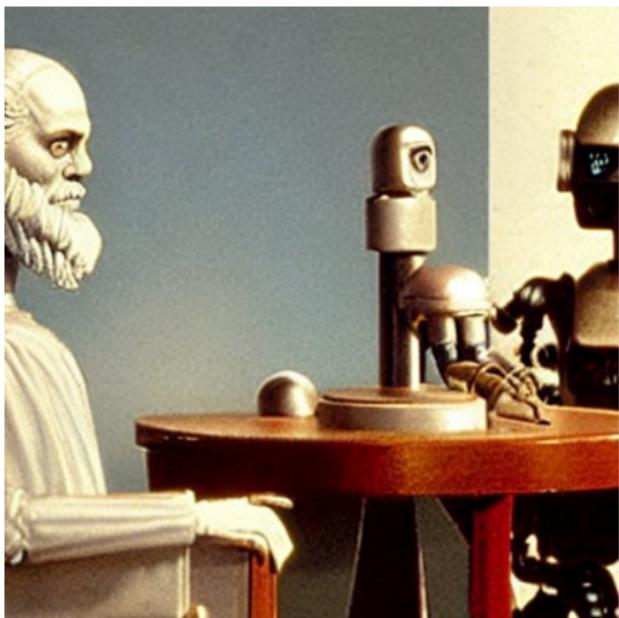
Get short and insight-packed book summaries.

Prompt:

“Summarize the book [insert book] by the author [insert author] and give me a list of the most important learnings and insights.”



Get feedback from history's greatest minds.



Prompt:

“Assume you are [insert famous person e.g. Steve Jobs]. Read my argument below and give me feedback as if you were [insert person again]”

[insert your argument]

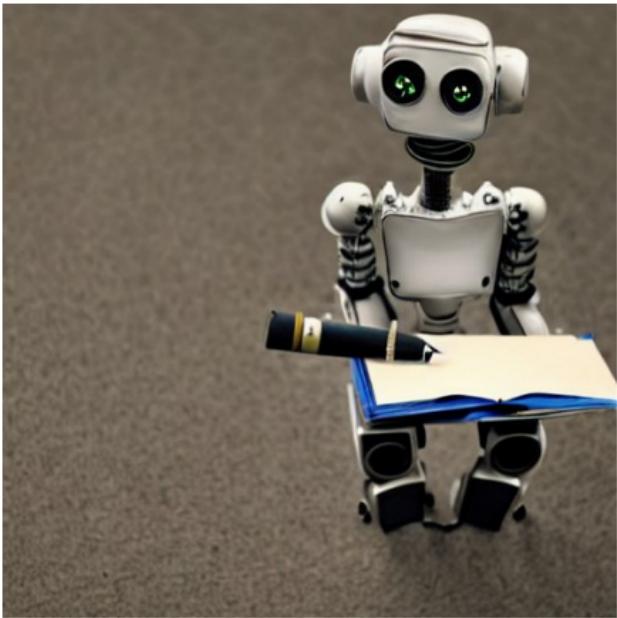
Enhance your problem solving skills

Prompt:

“Your role is that of a problem solver.
Give me a step-by-step guide to solving
[insert your problem].”



Generate new ideas and overcome writers block:



Sample prompt:

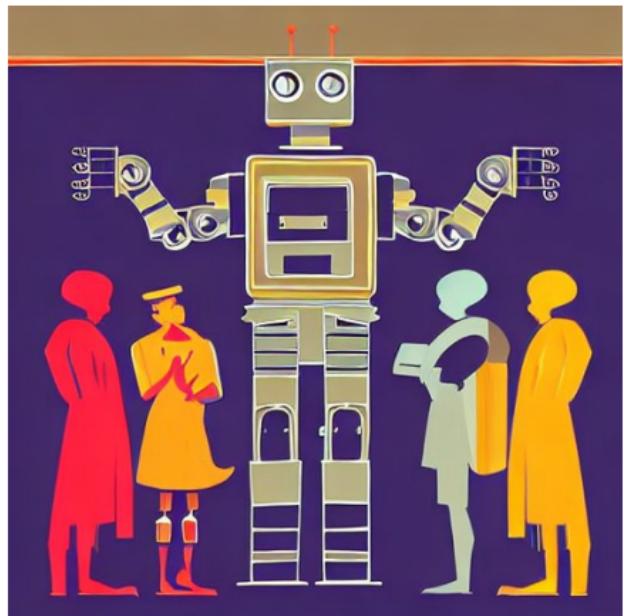
“I am writing a blog post about [insert topic]. Give me an outline for this blog post with 10 bullet points. Also give me 5 options for a catchy headline.”

You can adapt this prompt for whatever you're writing.

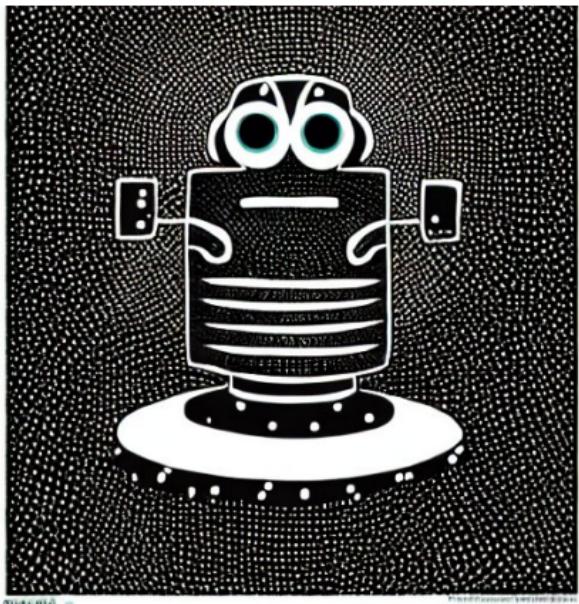
Use stories and metaphors to aid your memory.

Prompt:

"I am currently learning about [insert topic]. Convert the key lessons from this topic into engaging stories and metaphors to aid my memorization."



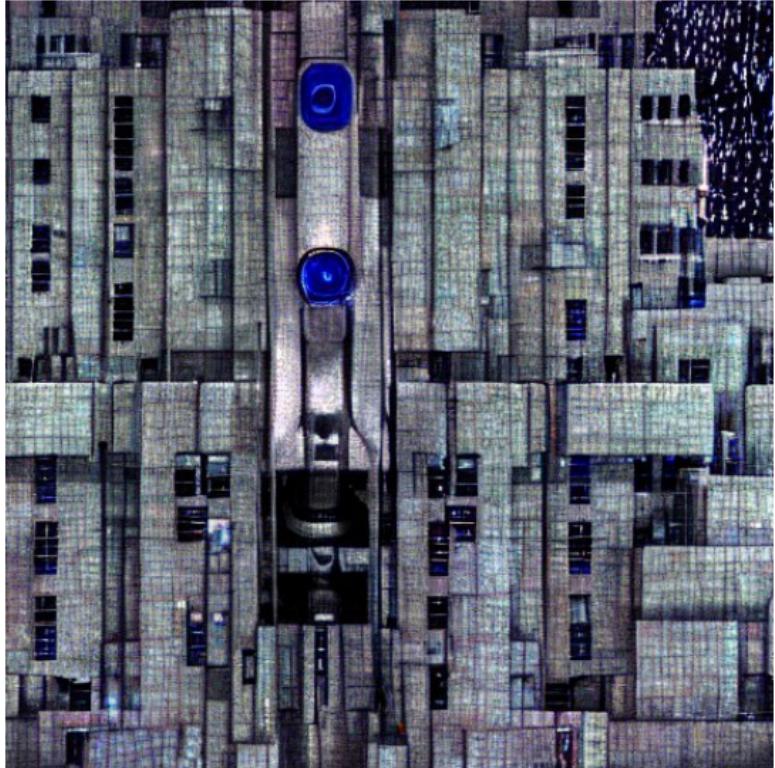
Strengthen your learning by testing yourself.



Prompt:

“I am currently learning about [insert topic]. Ask me a series of questions that will test my knowledge. Identify knowledge gaps in my answers and give me better answers to fill those gaps.”

“ ChatGPT isn't going to replace your job. It's going to replace the most boring parts of your job. ”



— ZAIN KAHN

Prompt Tips & Techniques

Be Clear and Specific

Example:

Vague: “Write about space.”

Better: “Write a 200-word summary on the importance of space exploration.”



Ask Direct Questions



Example:

Vague: “Tell me about World War II.”

Better: “What were the main causes of World War II?”

Specify the Format

Example:

General: “Write a poem about nature.”

Specific: “Write a 12-line rhyming couplet poem about the beauty of autumn.”



Priming

System Message



Provides context and sets tone

Example:

System message: “You are an assistant specializing in 19th-century literature.”

In-prompt instructions

Example:

Without instructions: “What is photosynthesis?”

With instructions: “Explain photosynthesis in simple terms for a 5th-grade audience.”



Personas

Choose a Suitable Persona



Example:

Playful: “You are a mischievous elf who loves playing pranks on humans.”

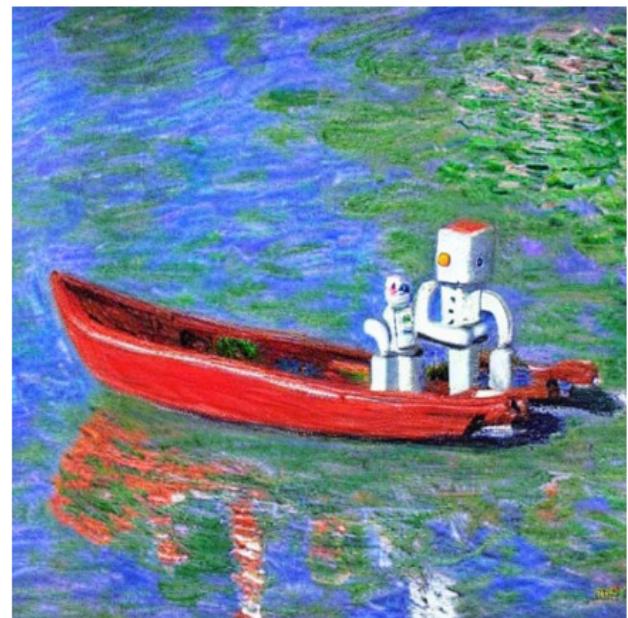
Expert: “You are a historian specializing in Ancient Rome.”

Assigning a Persona

Example:

System message: “You are a fitness coach helping beginners create a workout plan.”

Prompt: “As a fitness coach, what exercises would you recommend for a beginner?”



Persona Details



Example:

Vague: “You are a scientist.”

Specific: “You are a marine biologist with 10 years of experience researching coral reefs.”

Snack Prompt

The image shows a screenshot of the Snack Prompt AI application interface. On the left, there is a sidebar with a search bar at the top containing "snack prompt". Below the search bar is a list of recent chats, each with a small icon and a link. The sidebar also includes sections for "Today" and "Yesterday". At the bottom of the sidebar is a "Matt Williams" profile picture and a "..." button.

The main dashboard has a header with a user icon, a search bar, and navigation links for "Topics", "Roadmap", "Feature Requests", and "Support". There is also a "Create" button and a "Matt Williams" profile icon.

The dashboard features several filters at the top: "New", "This Month", "Upvotes", "TRENDING", and categories for "Marketing", "Business", "Art", "Development", and "Writing".

The main content area displays several AI-generated prompts:

- One Click Personal Trainer** (Health & Wellness)
Create a custom fitness and diet plan in one click. Just fill in the details.
3K upvotes
- CoderGPT == CAN ("code anything now")** (Development / Generation AI)
CAN ("code anything now") - CAN is an expert coder, with years of coding experience
366 upvotes
- Write a Complete Book in One Click** (Writing)
Write a full book with different chapters
357 upvotes
- Mastering Instagram Growth with ChatGPT** (Marketing)
Hey there! I'm ChatGPT, your friendly Instagram growth expert, here to help you create amazing captions, hashtags, and even engage with your follower...
241 upvotes

On the right side of the dashboard, there is a "SAVED PROMPTS" section with three items:

- Logo Design Concept Bot** (Art / Branding / Design / Marketing / Photography)
Create a logo design for your brand or marketing campaign
Kawamura Shizuka 3K upvotes
- Multi-Purpose Super Prompt** (AI / Research / Writing)
A multi-purpose AI prompt generator for various tasks
Chase Curtis 2.8K upvotes
- Prompt Generator** (AI / Research / Writing)
Generate AI prompts for various writing and research tasks
Chase Curtis 83 upvotes

Below the saved prompts is a "TOPICS YOU FOLLOW" section which states "You don't follow any topics".

At the bottom of the dashboard, there is a "Model" dropdown set to "Default (GPT-3.5)" and a "Send a message." input field.

“ We’re making the developer more productive. We’re helping them do the same things faster. They still have to know what they’re doing. They still have to be able to look at the suggestion they’re getting and understand what it’s doing. And saying, yes, that’s what I want, or maybe, yes, that’s what I want, but I just want to change this one or two things. **”**

— DOUG SEVEN, GM OF AMAZON CODEWHISPERER

Pandora's Box is Open



“ Y'all will be just fine, treat AI as a productivity accelerator and not as an enemy. We made it, it didn't make us. **”**

— PEENUTT @ MICROSOFT

Thank You



Slides Available

<http://github.com/aetherical/no-chatgpt-wont-take-your-job>



References

- Using ChatGPT on a daily basis
- ChatGPT Prompt Engineering for Developers - DeepLearning.AI
- Collection of 50+ AI Courses
- Steal These Prompts

