

# The Ultimate ChatGPT Prompting Cheatsheet

A quick-reference guide for **ChatGPT** (and other AI) **prompting**. Modular. Practical. Explained the BRuCHaNt way™ 🤖 by Josh Bruton

## 🚀 Unlocking the Power of ChatGPT Prompts

Artificial Intelligence (AI) is no longer science fiction — it's here, and it's already changing the way we learn, create, and solve problems. ChatGPT can generate code, explain complex concepts, write stories, debug errors, brainstorm ideas, and even act as your personal tutor. The catch? **AI is not a magic button**. It reflects the quality of the prompts (instructions) you give it.

Think of ChatGPT as a *super-intelligent engine with no steering wheel*. Your prompts are the steering wheel. The clearer, smarter, and more intentional your instructions, the more the AI can unleash its full potential.

👉 **Key Takeaway:** *ChatGPT is insanely smart — but it will only ever be as smart as the person asking the questions.* Master prompting, and you don't just "use" ChatGPT... you **partner** with it.

## 🎯 Prompt Structures That Work

- **Role + Task + Context + Output**

"You are a Python tutor. Explain recursion to me as if I'm 10 years old, then give me one beginner-friendly code example."

- **Step-by-Step**

"Explain this concept step by step. Don't skip steps, and give a simple analogy after each explanation."

- **Few-Shot (Examples)**

"Translate these English sentences to Spanish:

1. Hello, how are you? → Hola, ¿cómo estás?
2. I love programming → Me encanta programar

Now translate: 'Let's go to the park.'"

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## Prompt Frameworks

- **The 80/20 Rule of Prompts**
    - 20% of prompts = lazy one-liners → mediocre results.
    - 80% of prompts = thoughtful, specific, structured → powerful results.
  - **C.R.E.A.T.E. Framework**
    - **Context:** What's the situation?
    - **Role:** Who should ChatGPT act as?
    - **Examples:** Provide samples if relevant.
    - **Action:** What do you want it to do?
    - **Tone:** How should it sound? (formal, funny, simple)
    - **Expected Output:** Format of the result (list, essay, code, etc.).
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## Examples for Students & Programmers

- **Study Aid:**
    - | "Summarize this article into 5 bullet points, then quiz me with 3 multiple-choice questions."
  - **Coding Help:**
    - | "You are a senior Python developer. Rewrite this code to be more efficient and explain what changes you made."
  - **Debugging Partner:**
    - | "Here's my error message. Explain why it's happening like I'm new to programming, and show me two possible fixes."
  - **Learning Concepts:**
    - | "Teach me Big-O Notation using pizza delivery as an analogy. Include code examples in Python."
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## Examples for Creatives

- **Writer's Block:**
  - | "Give me 10 plot ideas for a sci-fi short story involving time travel and betrayal."
- **Brainstorming:**
  - | "I need a list of catchy names for a student coding club. Make them fun but not childish."
- **Personal Growth:**
  - | "Act as a motivational coach. Write me a short pep talk to get back on track with my studies."


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## Power Tips

- **Be Specific:** Replace “explain recursion” with “explain recursion in Python with a beginner-friendly analogy.”
  - **Use Roles:** “You are a professor,” “You are my study buddy,” “You are a code reviewer.”
  - **Iterate:** Don’t settle for the first answer — refine by saying, “Expand on #2,” or “Explain that more simply.”
  - **Ask for Output Formats:** tables, bullet points, step-by-step guides, diagrams (text-based).
  - **Chain Prompts:** Use follow-ups like “Now summarize that,” or “Now give me a quiz.”
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## Final Word

Prompts aren’t just questions — they’re the bridge between **your intelligence** and **AI’s capabilities**. The better you get at prompting, the more ChatGPT becomes a collaborator, not just a tool.

 *Great prompts = great results. Weak prompts = weak results.*

The steering wheel is in your hands — drive wisely.