

GPT Survey: A Programmer's Perspective

Yu Zehan

Intel FLEX

May 8, 2023

Outline

- 1 Lesson 1: Prompt Engineering: Principles, Techniques, and Tools
- 2 Lesson 2: Case Studies of Coding Tasks with GPT
- 3 Lesson 3: Integrate GPT in Whole Coding Lifecycle
- 4 Lesson 4: Cutting-Edge GPT Projects and Showcases
- 5 Lesson 5: Customize GPT for More Power
- 6 References

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Lesson 1: Prompt Engineering: Principles, Techniques, and Tools

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Outline of Lesson 1

- 1 Lesson 1: Prompt Engineering: Principles, Techniques, and Tools
 - Prompt Workflows
 - Prompt Principles
 - Prompt Techniques
 - Tools and Extensions

Prompt Workflow

Prompt Principles

Prompt Techniques

The Chat-GPT Cheat Sheet

Basic Structure of a Prompt:
Acting as a [ROLE] perform [TASK] in [FORMAT]

Act as a [ROLE]

Marketer
Advertiser
Mindset Coach
Best Selling Author
Therapist
Website Designer
Journalist
Inventor
Chief Financial Officer
Copywriter
Prompt Engineer
Accountant
Lawyer
Analyst
Ghostwriter
Project Manager

Create a [TASK]

Headline
Article
Essay
Book Outline
Email Sequence
Social Media Post
Product Description
Cover Letter
Blog Post
SEO Keywords
Summary
Video Script
Recipe
Sales Copy
Analysis
Ad Copy

show as [FORMAT]

A Table
A List
Summary
HTML
Code
Spreadsheet
Graphs
CSV file
Plain Text file
JSON
Rich Text
PDF
XML
Markdown
Gantt Chart
Word Cloud

Linked Prompting

- 1 - Provide me with the ideal outline for an effective & persuasive blog post.
- 2 - Write a list of Engaging Headlines for this Blog post based on [Topic].
- 3 - Write a list of Subheadings & Hooks for this same blog post
- 4 - Write a list of Keywords for this Blog.
- 5 - Write a list of Compelling Call-to-Actions for the blog post
- 6 - Combine the best headline with the best Subheadings, Hooks, Keywords and Call-to-Action to write a blog post for [topic]
- 7 - Re-write this Blog Post in the [Style], [Tone], [Voice] and [Personality].

Effective Use of this Powerful Tool Can Propel Your Business To The Forefront Of This Modern Business Landscape.

Prompt Priming

ZERO - "Write me 5 Headlines about [Topic]"
SINGLE - "Write me 5 Headlines about [Topic]. Here is an example of one headline: 5 Ways to Lose Weight"
MULTIPLE - "Write me 5 Headlines about [Topic]. Here is an example of some headlines: 5 Ways to Lose Weight, How to Lose More Fat in 4 Weeks, Say Goodbye to Stubborn Fat. Find a faster way to Lose Weight Fast"

Prompts For Biz Owners

- Give me a list of inexpensive ideas on how to promote my business better?
- Acting as a Business Consultant, What is the best way to solve this problem of [Problem].
- Create a 30 Day Social Media Content Strategy based on [Topic 1] & [Topic 2].

By @shanefozard

Tools and Extensionsle

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Lesson 2: Case Studies of Coding Tasks with GPT

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Outline of Lesson 2

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Lesson 3: Integrate GPT in Whole Coding Lifecycle

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Outline of Lesson 3

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Lesson 4: Cutting-Edge GPT Projects and Showcases

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Outline of Lesson 4

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Lesson 5: Customize GPT for More Power

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Outline of Lesson 5

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