Certified Prompt Engineering Certification

Elevate your professional trajectory in the world of technology and AI with the esteemed GSDC Certified Prompt Engineer Certification Program.

GSDC
Global Skill Development Council

CPE
CERTIFIED

Certified Prompt Engineering Certification

ABOUT CERTIFICATION

Elevate your professional trajectory in the world of technology and AI with the esteemed GSDC Certified Prompt Engineer Certification Program.

Experience the exponential power of prompt engineering and redefine your proficiency with large language models.

By acquiring this prompt engineering certification you open the gates to infinite career opportunities and contribute to shaping the future of AI with your expertise.

Stand out as a leader, demonstrate your prowess, and mark your achievements in this groundbreaking field.

Embark on your journey to become a Certified Prompt Engineer today and unlock the doors to exceptional career advancement and success.

OBJECTIVES

1. Confirm your mastery of prompt engineering principles.
2. Showcase your ability to create accurate prompts.
3. Implement relevant responses in prompt engineering.
4. Embrace advanced techniques in prompt engineering.
5. Challenge traditional approaches in prompt engineering.
6. Open doors to endless career possibilities as a Certified Prompt Engineer.
7. Shape the future of AI technology by contributing to its development.
8. Stand out as a leader in the field of prompt engineering.
9. Foster innovation and excellence in the industry.
10. Enhance your expertise in prompt engineering methodologies.
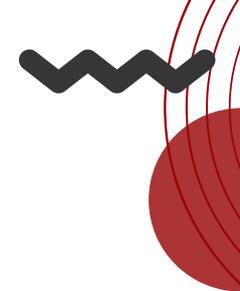
Our Accreditation:

COURSE SYLLABUS

1. Introduction to Prompt Engineering:
- Evolution and Applications of Prompt Engineering.
- Importance of Prompt Design.
- Ethical Considerations in Prompt Engineering.

2. Understanding Language Models:
- Language Model Architecture.
- Training Methods.
- Language Model Evaluation.
- Challenges and Limitations.

3. GPT and Similar Models:
- GPT Architecture.
- GPT Training Process.
- Variants of GPT.
- Transfer Learning with GPT.

4. Prompt Design:
- Query Formulation Techniques.
- Handling Constraints.
- Addressing Biases.
- Interpreting Model Output

5. Prompt Engineering Strategies:
- Debiasing Techniques.
- Context Manipulation.
- Controlled Generation.
- Iterative Optimization.

6. Pillars of Prompting:
- Providing Examples.
- Giving Direction.
- Formatting Responses.
- Evaluating Quality.
- Chaining AIs.

7.ChatGPT Introduction:
- ChatGPT Introduction and Prompting ChatGPT.
- ChatGPT Capabilities and Limitations.
- ChatGPT Plugins.

8.GitHub Copilot Introduction:
- What is GitHub Copilot? – Coding.
- How to Install?
- Prompting GitHub Copilot – Coding.
- GitHub Copilot Capabilities and Limitations - Coding.

9.GPT3 Introduction:
- Introduction..
- Prompting GPT-3.
- GPT-3 Capabilities and Limitations.

10. Prompt Engineering Models:
- Google Bard Introduction.
- Meta LLaMA Introduction.
- Anthropic Claude Introduction.
- Microsoft 'New' Bing Introduction.
- Tencent ARC Introduction.
- Google Vision Introduction.
- OpenAI Whisper Introduction.
- Falcon Introduction.

11. How Does AI Work?:
- Tokens.
- Log Probabilities.
- AI Hallucinations.

12. Standard Text Model Practices:
- List Generation.
- Sentiment Analysis.
- Explain It Like I'm Five.
- Least to Most.
- Writing Clear Instructions - Detailed Instructions.
- Writing Clear Instructions - Specifying the Steps.
- Writing Clear Instructions - Delimiters.
- Writing Clear Instructions - Specifying Length.
- Let's Think Step by Step.
- Role Prompting.
- Ask for Context.
- Question Rewriting.
- Preview.
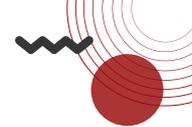- Overcoming the Token Limit in ChatGPT.

13. Advanced Text Model Techniques:

- Meta Prompting.
- Chain of Thought Reasoning.
- Advanced List Generation.
- Advanced List Generation YML - Coding.
- Advanced List Generation - Exporting JSON - Coding.
- Preview.
- Overcoming Token Limit - ChatGPT Chunking - Coding.
- Vector Databases - Coding.
- Reason and Act (ReAct) - Coding.
- Recursive Re-prompting and Revision - Coding.
- Information Retrieval with Vector Databases.

14. Applications of Prompt Engineering:

- Chatbots.
- Language Generation.
- Content Creation.
- Virtual Assistants.

GSDC Technical Advisory Board :

The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Our Future Information

Target Audience

- AI-focused software engineers and developers.
- Experts in Natural Language Processing (NLP)
- Practitioners of data science and machine learning
- Managers and leads overseeing AI products
- Consultants and architects specializing in AI solutions
- Content creators and technical writers in AI
- Researchers and academics in the AI field
- Project managers and team leaders in AI.
- Professionals engaged in chatbot and virtual assistant development
- Data analysts & engineers in the AI domain

Pre-requisites

There are no specific prerequisites for the GSDC Prompt Engineering certification. However, it is recommended that candidates have prior experience or knowledge of engineering principles and practices to maximize their chances of success in the certification exam.

Find out more online at
www.gsdcouncil.org