AI Prompt Engineer

Kyle Brown

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📍 Austin, TX

Professional summary

Experienced AI Prompt Engineer with 7+ years of expertise in developing, testing, and refining language model prompts to enhance AI response accuracy and relevance. Proficient in deep learning, natural language processing (NLP), and machine learning algorithms. Adept at working with large datasets and optimizing model performance.

Links

LinkedIn: /in/kylebrown

Experience

AI Prompt Engineer

June 2021 - Now

OpenAI / San Francisco, CA

- Develop high-performance AI prompts for GPT-3 and GPT-4, increasing model response accuracy by 25% for customer service applications.
- Collaborate with machine learning engineers and data scientists to fine-tune models based on specific industry requirements.
- Conduct A/B testing on different prompt variations, tracking improvements in user engagement.
- Improve AI understanding in healthcare-specific scenarios, assisting in the development of a medical chatbot for patient inquiries.

Natural Language Processing Engineer

May 2018 - June 2021

IBM Watson / Austin, TX

- Led prompt engineering efforts for Watson Assistant, improving response coherence and naturalness by optimizing conversational prompts.
- Worked with stakeholders to identify use case scenarios and deliver tailored AI solutions for financial services and retail clients.
- Integrated Watson APIs into third-party platforms, enhancing user experience by refining prompt generation algorithms.
- Published a research paper on prompt optimization techniques that was cited in multiple academic journals.

Publications and Research

"Optimizing Conversational Models for Industry Applications"

Co-authored paper presented at International Conference on Machine Learning (ICML), 2023.

"Prompt Engineering for Improved User Experience in Chatbots"

Published in the Journal of AI Research (2022).

Education

Master of Science in Computer Science

University of Texas at Austin

Graduated May 2018

Bachelor of Science in Artificial Intelligence

University of California, Berkeley

Graduated May 2016

Certifications

- Stanford University – Natural Language Processing Specialization │ 2021
- Coursera – AI for Everyone by Andrew Ng │ 2020

Skills

Advanced proficiency in Python, TensorFlow, PyTorch ◆◆◆◆◆

Expertise in NLP, sentiment analysis, and prompt engineering ◆◆◆◆◆

Experience with OpenAI GPT models and custom fine-tuning ◆◆◆◆◆

Knowledge of AI model evaluation and performance metrics ◆◆◆◆◆

Strong analytical, problem-solving, and communication skills ◆◆◆◆◆