ShijieZheng-AI Engineer(Master's Degree)

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Education-Yangtze University

Master's Degree (Artificial Intelligence)   September 2022 - June 2025

- Research Focus: NLP (Natural Language Processing)
- Major Courses: Principles and Applications of Artificial Intelligence, Big Data Science and Engineering
- SCI Paper: MemoryRepository for AI NPC

Professional Skills

- **Knowledge:** Strong understanding of **machine learning, natural language processing, and Generative AI, with knowledge in big data**.
- **Strong programming skills:** Proficient in **Python**. Experienced in using **Flask** for **API development**, **LangChain** for large language model development, **Pandas** for data analysis, and **PyTorch** for machine learning.
- **Prompt Engineering:** Skilled in **formatting prompts, few-shot learning, prompt reverse engineering, role-playing prompts, and tool prompts**.
- **LLMs:** Proficient in **ChatGPT, Llama3, ChatGLM, Minimax model design, training, tuning, deployment, development, and integration of AI Agents and RAG**.
- **Fine-Tuning:** Skilled in data preprocessing, hyperparameter tuning, **model fine-tuning, optimization, and deployment** for ChatGPT, ChatGLM, and similar models.
- **Image Generation:** Proficient in deploying and developing API interfaces for **StableDiffusion, Midjourney, and DALLE** with prompt rules.
- **AI Technical Solutions:** Early adopter and developer of ChatGPT with one year of Generative AI development experience. **Familiar with technical backgrounds and solutions in e-commerce and gaming fields**.
- **Project Deployment:** Proficient in **deploying mainstream large model projects on GitHub**, such as Chatbox, AutoGPT, LLAMA3, and capable of developing based on existing projects.

Project Experience

Personal Project Repository: https://github.com/Formyselfonly/

ECommerceGPT - AI E-commerce Efficiency Website

https://github.com/Formyselfonly/ECommerceGPT

openai-fine-tuning-tools - ChatGPT Fine-Tuning Tools

https://github.com/Formyselfonly/openai-fine-tuning-tools

PromptEval - Tool for Evaluating Prompt Quality for Prompt Engineers

https://github.com/Formyselfonly/PromptEval

ChatGPT_Prompt_Completions_Auto - Automated Prompt2Completions Testing Tool

https://github.com/Formyselfonly/ChatGPT_Prompt_Completions_Auto

Companion Dialogue AI Agents

Ganyu from Genshin Impact - https://udify.app/chat/iP0yw8HbPFeD6XzL
Honkai Impact Simulator - https://udify.app/chat/Jf7UHHnVl8mpZb9G

Internship Experience - OgCloud (Guangdong Tianyun Technology Co., Ltd.)

Duration: April 2023 - April 2024
Position: Prompt Engineer & AI Intern

OgAI

Project Description: AI productivity tools within the company
Responsibilities: Technical solutions + **Prompt engineering (OgGPT-Text2Text + OgDraw-Text2Image)**
Achievements: Developed efficiency tools and AI infrastructure for OgCloud

AI Chat Companion

Project Description: AIGC Gaming Platform
Responsibilities: Game prompts and **model deployment and fine-tuning** of AI agents

XiaoO Robot

Project Description: Custom robot for OgCloud based on company information
Responsibilities: Data processing for training data and **fine-tuning** of the XiaoO robot

MemoryRepository Development

Project Description: Humanized memory system for LLMs in role-playing applications
Responsibilities: Solving the problem of context limitations in LLM dialogues through algorithm mechanisms, resulting in the publication of the **SCI paper** *MemoryRepository for AI NPC*

Internship Experience - Ximalaya (Shanghai Ximalaya Technology Co., Ltd.)

Duration: May 2024 - June 2024
Position: AI Intern

Empowering interviewers with AI tools

Project Description: Empowering company interviewers to conduct expert interviews using AI
Responsibilities: Technical solutions + 1.AI data collection + 2.AI data analysis + 3.Enabling tools prompt

AI Manuscripts

Project Description: Batch generation of AI manuscripts based on a novel library using AI
Responsibilities: 1. AI manuscript extension 2. AI manuscript generation 3. AI manuscript adaptation

Little Red Book Seeding

Project Description: Generating high-quality Little Red Book posts based on user demand for popular topics such as TV dramas, to drive traffic to the company's app
Responsibilities: Data collection + data analysis

Certificates & Language

- **English** *CET-6*
- **Chinese** *Native*
- **SCI Paper** *MemoryRepository for AI NPC*