Haozhe Li

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Summary

Computer Science student at University of Illinois Urbana-Champaign, specializing in LLM technologies. Proficient in OpenAI API and LangChain framework. Hands-on experience with STT and TTS projects. Technical expertise spans machine learning, NLP, and audio signal processing. Demonstrates strong problem-solving skills and adaptability to emerging technologies.

Education

University of Illinois Urbana-Champaign | Champaign, IL
Computer Science and Music | 05/2026

Experience

Chat Syllabus | Champaign, IL
Co-Founder | 08/2024 - Present
- Lead a team of four individuals in the development of an innovative AI product for the education sector.
- Product Design and Technical Architect

RPGGO AI | Beijing,China
AI Prompt Engineer Intern | 05/2024 - 08/2024
- Developed and optimized a streaming TTS and Voice Clone system, enhancing naturalness and accuracy.
  Implemented and tested speech recognition applications, with low latency and WER.
  Fine-tuned music generation model to game themes and scenarios.

Projects

Omni: AI Search Engine

- Project Link: omniknows.xyz
- A LLM-based RAG search engine that provides instant access to the latest internet content.
- Employ multi-agent, CoT, and prompt chaining to enhance search results and validate hence evaluate the output for self-improving.

Chat Syllabus

- Project Link: chatsyllabus.xyz
- Answer course-related questions based on the course syllabus, predict course difficulty, and course load.
- Using Langchain, Python, and FastAPI, powered by Groq and OpenAI.

AI Content Classifier
- Project Link: zeroai.haozheli.com
- A Random Forest Model predicting the likelihood of whether a text is AI-generated.
- Using Pytorch, GPT 2, Gradio for Frontend UI

Skills

Prompt Engineer, TTS, Fine-Tuning, RAG, STT, Voice Clone, Full-Stack, PyTorch, C++, Python, Java, Graphic Design, Video Production

Interests

Video content creator with 10K+ followers, Cellist and Pianist, Marathon enthusiast