

LEE ZHI CHENG

📞 (+86) 18621669483 **in** Zhi Cheng Lee 📩 zhichenglee97@gmail.com
Personal Page: zhicheng0326.github.io/

🎓 EDUCATION

Tsinghua University

Master in Advanced Computing, GPA: 3.79 / 4.00

Beijing, CN

2023.09 – Present

Shanghai Jiao Tong University

Bachelor of Engineering in Automation, GPA: 3.44 / 4.3

Shanghai, CN

2017.09 – 2021.06

💼 WORKING/INTERNSHIP EXPERIENCE

Zhipu AI

Large Language Model Algorithm Intern

Beijing, China

2024.07 - Present

- Agentic RAG
 - Conducted a comparative analysis of the company's existing RAG framework against QWEN-Agent and the long-context model GLM-9B-128k.
 - Prepared evaluation scripts and datasets, including HotpotQA and NQ, augmented with additional distractors to increase difficulty.

Wise AI

AI Engineer

Kuala Lumpur, Malaysia

2021.11 – 2023.08

- Face Anti-Spoofing
 - Led the R&D efforts for the development of a face anti-spoofing model.
 - Achieved compliance with ISO-30107 Level 1 Presentation Attack Detection Standards.
 - Managed the entire project lifecycle, including data collection, model design, training, evaluation, and enhancement.

🔬 RESEARCH/PROJECT EXPERIENCE

DiaKoP

2024.02 - 2024.06

- Developed a dialogue-based knowledge-intensive question answering system, this work has been accepted to CIKM demo track.
- Designed and implemented both the frontend and backend of the system.
 - Frontend: developed based on Gradio to facilitate user interaction.
 - Backend: developed based on the FastChat framework to support model deployment, includes modules such as dialogue history tracking, natural language understanding, dialogue policy, and knowledge retrieval strategies.

Text-to-UI: Text-to-User Interface

2023.09 - 2024.01

- Collected datasets from the web comprising pairs of “User Requirements - Tailwind CSS”.
- Fine-tuned the CodeLlama model using DeepSpeed with the LoRA strategy. The fine-tuned model generates corresponding frontend interface code as output when provided with user requirements in natural language.

📄 PUBLICATIONS

DiaKoP: Dialogue-based Knowledge-oriented Programming for Neural-symbolic Knowledge Base Question Answering

Zhicheng Lee*, Zhidian Huang*, Zijun Yao, Jinxin Liu, Amy Xin, Lei Hou, Juanzi Li
Conference on Information and Knowledge Management (CIKM demo), 2024

Deep Semi-Supervised Learning via Dynamic Anchor Graph Embedding Learning

Zihao Wang, Enmei Tu, Zhicheng Lee

International Joint Conference on Neural Networks (IJCNN), 2021