

Liangze (Josh) Li

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English (native) | Mandarin (native) | Cantonese (native) | Russian (professional)

EDUCATION

Carnegie Mellon University <i>Master of Science in Language Technologies</i>	Aug 2024
	Pittsburgh, PA
Carnegie Mellon University <i>Bachelor of Science in Logic and Computation, Additional Major in Philosophy, High Honors</i>	May 2021
	Pittsburgh, PA

EXPERIENCE

Google DeepMind <i>Research Engineer</i>	Sep 2024 – Current Mountain View, CA
– Pioneer hybrid modeling techniques to synergize transformer and non-transformer ML models	
– Research novel methodologies for agentic capabilities across generative content surfaces	
Oracle Labs <i>Research Assistant Intern</i>	May 2023 – Aug 2023 Burlington, MA
– Devised pipelines to train and evaluate LLMs with different Parameter-Efficient Fine-Tuning methods	
– Implemented strategies to contrast and visualize important out-of-domain adaptation ability of LLMs	
Carnegie Mellon University <i>Research Assistant</i>	Jan 2023 – May 2023 Pittsburgh, PA
– Led team of 6 to benchmark and deploy generative models to build conversational agents	
– Invented knowledge distillation techniques to achieve conversational continuity	
Tencent <i>Technical Product Specialist</i>	Jul 2021 – Apr 2022 Shenzhen, China
– Led team of 4 to develop data analytics module to predict profit margins over 5000+ SaaS products	
– Formulated GMV growth as sentiment analysis task; deployed LLM to achieve 12% growth in select categories	

PUBLICATION

- Shih-Lun Wu, Yi-Hui Chou, **Liangze Li**. Listener model for the PhotoBook referential game with CLIPScores as implicit reference chain. *ACL 2023*.
- Yutian Chen, Hao Kang, Vivian Zhai, **Liangze Li**, Rita Singh, Bhiksha Raj. Token Prediction as Implicit Classification to Identify LLM-Generated Text. *EMNLP 2023*.

SERVICE

Alphice <i>Co-Founder, CTO</i>	Jan 2024 – Jul 2024 Pittsburgh, PA
– Spearheaded architecture design and model deployment of generative AI workflow for storytelling	
– Led cross-functional team to orchestrate data-driven operations initiative	
CMU Language Technologies Institute <i>Teaching Assistant</i>	Jan 2023 – May 2024 Pittsburgh, PA
– Integrated academic research and industry advancements to keep course materials constantly up-to-date	
– Guided students in conducting original research, from initial hypothesis through to technical implementation	
CMU Blackjack Society <i>Founder, President</i>	Jan 2023 – May 2024 Pittsburgh, PA
– Organized Blackjack training and headed development of simulator for strategy benchmarking	
CMU Student College Executive Committee <i>President</i>	Aug 2020 – May 2021 Pittsburgh, PA
– Coordinated with university registrar to deliver accreditation for student-designed and -taught elective courses	