

Liangze (Josh) Li

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EDUCATION

Carnegie Mellon University

Master of Science in Language Technologies

Aug 2024

Pittsburgh, PA

Carnegie Mellon University

Bachelor of Science in Logic and Computation, Additional Major in Philosophy, High Honors

May 2021

Pittsburgh, PA

EMPLOYMENT

Google Deepmind

Research Engineer

Sep 2024 – Current

Mountain View, CA

– TBA 1

– TBA 2

Alphice

Co-Founder, CTO

Jan 2024 – Jul 2024

Redwood City, CA

– Spearhead architecture design and model deployment of generative AI workflow for storytelling

– Lead cross-functional team to orchestrate data-driven operations initiative

Oracle Labs

Research Assistant Intern

May 2023 – Aug 2023

Burlington, MA

– Devised a pipeline to train and evaluate LLMs with different Parameter-Efficient Fine-Tuning methods

– Implemented a strategy to contrast and visualize important out-of-domain adaptation ability of LLMs

Carnegie Mellon University

Teaching Assistant

Jan 2023 – May 2024

Pittsburgh, PA

– Taught recitations for 100+ students on DL concepts and mentored 30+ students on DL theory and projects

– Reproduced milestone papers including ConvNeXt, ResNet, Attention, and set standards for students

Carnegie Mellon University

Team Lead - Amazon Alexa Social Bot Challenge

Jan 2023 – May 2023

Pittsburgh, PA

– Led team of 6 to benchmark and deploy large language models (LLM) to build conversational agent

– Applied knowledge distillation techniques to achieve conversational continuity

Tencent

Technical Product Specialist

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

PUBLICATIONS

– **Liangze Li**, et al. Can Large Language Models really do math? NeurIPS 2024 (Pending).

– Shih-Lun Wu, Yi-Hui Chou, and **Liangze Li**. Listener model for the PhotoBook referential game with CLIPScores as implicit reference chain. ACL 2023.

CLASSES

Courses: AP Calculus BC, AP Chemistry, AP Physics, AP World History, AP U.S. History, AP Statistics, AP Literature

SKILLS & INTERESTS

Skills: Probability Theory, Web Design, Microsoft Excel, Microsoft Office

Interests: Photography, Creative Writing, Archery, New York Knicks