

# Liangze (Josh) Li

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## EDUCATION

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

## EMPLOYMENT

<b>Google DeepMind</b> <i>Research Engineer</i> <ul style="list-style-type: none"><li>– Explore novel modelling methods for controllable training of agentic conversational systems.</li><li>– Develop experiment pipelines consisting of data collection and processing, rapid prototyping, and model benchmarking.</li></ul>	<b>Sep 2024 – Current</b> Mountain View, CA
<b>Alphice</b> <i>Co-Founder, CTO</i> <ul style="list-style-type: none"><li>– Spearheaded architecture design and model deployment of generative AI workflow for storytelling</li><li>– Led cross-functional team to orchestrate data-driven operations initiative</li></ul>	<b>Jan 2024 – Jul 2024</b> Redwood City, CA
<b>Oracle Labs</b> <i>Research Assistant Intern</i> <ul style="list-style-type: none"><li>– Devised a pipeline to train and evaluate LLMs with different Parameter-Efficient Fine-Tuning methods</li><li>– Implemented a strategy to contrast and visualize important out-of-domain adaptation ability of LLMs</li></ul>	<b>May 2023 – Aug 2023</b> Burlington, MA
<b>Carnegie Mellon University</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"><li>– Taught recitations for 100+ students on DL concepts and mentored 30+ students on DL theory and projects</li><li>– Reproduced milestone papers including ConvNeXt, ResNet, Attention, and set standards for students</li></ul>	<b>Jan 2023 – May 2024</b> Pittsburgh, PA
<b>Carnegie Mellon University</b> <i>Team Lead - Amazon Alexa Social Bot Challenge</i> <ul style="list-style-type: none"><li>– Led team of 6 to benchmark and deploy large language models (LLM) to build conversational agent</li><li>– Applied knowledge distillation techniques to achieve conversational continuity</li></ul>	<b>Jan 2023 – May 2023</b> Pittsburgh, PA
<b>Tencent</b> <i>Technical Product Specialist</i> <ul style="list-style-type: none"><li>– Led team of 4 to develop data analytics module to predict profit margins over 5000+ SaaS products</li><li>– Formulated GMV growth as sentiment analysis task, deployed LLM to achieve 12% growth in select categories</li></ul>	<b>Jul 2021 – Apr 2022</b> Shenzhen, China

## PUBLICATIONS

- Shih-Lun Wu, Yi-Hui Chou, and **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**, et al. Token Prediction as Implicit Classification to Identify LLM-Generated Text. *EMNLP 2023*.

## SERVICE

<b>CMU Blackjack Society</b> <i>Founder, President</i> <ul style="list-style-type: none"><li>– Organized Blackjack training and headed development of simulator for strategy benchmarking.</li></ul>	<b>Jan 2023 – May 2024</b> Carnegie Mellon University
<b>CMU Student College Executive Committee</b> <i>President</i> <ul style="list-style-type: none"><li>– Coordinated with university registrar to deliver accreditation for student-designed and -taught elective courses.</li></ul>	<b>Aug 2020 – May 2021</b> Carnegie Mellon University