

# Liangze (Josh) Li

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## EDUCATION

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

## EMPLOYMENT

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| <b>Google DeepMind</b><br><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><br>Mountain View, CA |
| <b>Alphice</b><br><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><br>Redwood City, CA |
| <b>Oracle Labs</b><br><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><br>Burlington, MA   |
| <b>Carnegie Mellon University</b><br><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><br>Pittsburgh, PA   |
| <b>Carnegie Mellon University</b><br><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><br>Pittsburgh, PA   |
| <b>Tencent</b><br><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><br>Shenzhen, China  |

## PUBLICATIONS

- 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

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| <b>CMU Blackjack Society</b><br><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><br>Carnegie Mellon University |
| <b>CMU Student College Executive Committee</b><br><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><br>Carnegie Mellon University |