

Chengzu Li

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[\[Personal Page\]](#) [◇ \[Google Scholar\]](#) [◇ \[Semantic Scholar\]](#)

RESEARCH FOCUS

Natural Language Processing, Reasoning, Multimodality, Spatial Reasoning, Natural Language Grounding

EDUCATION

Language Technology Lab, University of Cambridge, *Cambridge, UK*
Ph.D. in Computation, Cognition and Language *2023 - current*

- Supervised by Dr. Ivan Vulić, fully funded by Cambridge Trust.

University of Cambridge *Cambridge, UK*
M.Phil. in Advanced Computer Science; Graduated with Distinction (81.7/100) *2022 - 2023*

- Supervised by Prof. Simone Teufel, fully funded by Cambridge Trust.
- M.Phil. thesis: Generating Instructions for Grounded Robot Navigation (*Distinction*)

Xi'an Jiaotong University, *Xi'an, China*
B.Eng. in Automation, minor in Fintech; GPA: 91.96/100 (top 5%) *2018 - 2022*

University of Hong Kong *Hong Kong*
Exchange student in Computer Engineering; GPA: 4.08/4.3 *Jan. 2021 - Jun. 2021*
Student Research Assistant in Dept. of Computer Science *Jul. 2021 - Sept. 2021*

PUBLICATIONS

[TOPVIEWERS: Vision-Language Models as Top-View Spatial Reasoners](#)

EMNLP 2024 Oral, [\[Website\]](#) *Jan. 2024 - Jun. 2024*
Non-archival at ACL 2023 SpLU Robo Workshop (Oral), ECCV 2024 Eval-Fomo Workshop
Chengzu Li*, Caiqi Zhang*, Han Zhou, Nigel Collier, Anna Korhonen, Ivan Vulić

[Can Large Language Models Achieve Calibration with In-Context Learning?](#)

ICLR 2024 Workshop on Reliable and Responsible Foundation Models *Sept. 2023 - Dec. 2023*
Chengzu Li, Han Zhou, Goran Glavaš, Anna Korhonen, Ivan Vulić

[Semantic Map-based Generation of Navigation Instructions](#)

COLING-LREC 2024 *Jan. 2023 - May. 2023*
Chengzu Li, Chao Zhang, Simone Teufel, Rama Sanand Doddipatla, Svetlana Stoyanchev

[Generating Data for Symbolic Language with Large Language Models](#)

EMNLP 2023 Main *Jul. 2022 - Dec. 2022*
Jiacheng Ye, **Chengzu Li**, Lingpeng Kong, Tao Yu

[Binding Language Models in Symbolic Languages](#)

ICLR 2023 Spotlight *Feb. 2022 - Oct. 2022*
Zhoujun Cheng*, Tianbao Xie*, Peng Shi, **Chengzu Li**, Rahul Nadkarni, Yushi Hu, Caiming Xiong, Dragomir Radev, Mari Ostendorf, Luke Zettlemoyer, Noah A. Smith, Tao Yu

[UnifiedSKG: Unifying and Multi-Tasking Structured Knowledge Grounding with Text-to-Text Language Models](#)

EMNLP 2022 Oral *Jun. 2021 - Jan. 2022*
Tianbao Xie*, Chen Henry Wu*, Peng Shi, Ruiqi Zhong, Torsten Scholak, Michihiro Yasunaga, Chien-Sheng Wu, Ming Zhong, Pengcheng Yin, Sida I. Wang, Victor Zhong, Bailin Wang, **Chengzu Li**, Connor Boyle, Ansong Ni, Ziyu Yao, Dragomir Radev, Caiming Xiong, Lingpeng Kong, Rui Zhang, Noah A. Smith, Luke Zettlemoyer, Tao Yu

(*: equal contribution)

PROFESSIONAL EXPERIENCES

GenAI Group, Microsoft Research

Research Intern, working with Wenshan Wu on multimodal spatial reasoning. *Jun. 2024 - Dec. 2024*

Toshiba Cambridge Research Laboratory

Research Intern, working with Svetlana Stoyanchev, Chao Zhang, Rama Doddipatla Jan. 2023 - Jul. 2023

Shanghai Artificial Intelligence Laboratory

Research Intern, NLP Group, with Dr. Lingpeng Kong Oct. 2021 - Jan. 2022

University of Hong Kong (2021 HKU CS Research Internship Programme)

Research Intern, NLP Group, with Dr. Lingpeng Kong and Dr. Tao Yu Jul. 2021 - Oct. 2021

Xiamen Dianchu Technology Co., Ltd.

Algorithm Engineer (Intern), Research & Development Center Jul. 2020 - Aug. 2020

TEACHING EXPERIENCES

Teaching Assistant	Department of Theoretical and Applied Linguistics, University of Cambridge
Li18 Computational Linguistics (<i>Practical Session</i>)	2023
Li18 Computational Linguistics (<i>Practical Session</i>)	2024

SELECTED AWARDS

2024 Scholar of Jesus College, Cambridge (for outstanding academic performance)
2023 PhD Scholarship from Cambridge Trust (Fully-Funded)
2022 Masters Scholarship from Cambridge Trust (Fully-Funded)
2019 National Scholarship (Top 1%, highest honor for undergraduates in China)
2019 Excellent Student (Top 10% among 5000+ students)