

XIAOCHUAN LI

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EDUCATION

- Carnegie Mellon University**, Language Technology Institute 2025 - 2030 (Expected)
Ph.D student
- The University of Hong Kong**, Department of Computer Science Jan. 2024 - Jun. 2024
Exchange student
- Tsinghua University**, School of Software 2021 - 2025
Bachelor's degree in Software Engineering

PUBLICATIONS

(* stands for equal contribution; Listed in reverse chronological order)

Conference Publications

- [1] OpenCUA: Open Foundations for Computer-Use Agents
XINYUAN WANG, BOWEN WANG, DUNJIE LU, JUNLIN YANG, TIANBAO XIE, JUNLI WANG, JIAQI DENG, XIAOLE GUO, YIHENG XU, CHEN HENRY WU, ZHENNAN SHEN, ZHUOKAI LI, RYAN LI, [Xiaochuan Li](#), JUNDA CHEN, BOYUAN ZHENG, PEIHANG LI, FANGYU LEI, RUISHENG CAO, YEQIAO FU, DONGCHAN SHIN, MARTIN SHIN, JIARUI HU, YUYAN WANG, JIXUAN CHEN, YUXIAO YE, DANYANG ZHANG, DIKANG DU, HAO HU, HUARONG CHEN, ZAIDA ZHOU, YIPU WANG, HENG WANG, DIYI YANG, VICTOR ZHONG, FLOOD SUNG, Y.CHARLES, ZHILIN YANG, TAO YU
arXiv [PDF]
- [2] Scaling Computer-Use Grounding via UI Decomposition and Synthesis
TIANBAO XIE*, JIAQI DENG*, [Xiaochuan Li](#)*, JUNLIN YANG*, HAORYUAN WU, JIXUAN CHEN, WENJING HU, XINYUAN WANG, YUHUI XU, ZEKUN WANG, YIHENG XU, JUNLI WANG, DOYEN SAHOO, TAO YU, CAIMING XIONG
arXiv [PDF]
- [3] Montessori-Instruct: Generate Influential Training Data Tailored for Student Learning
[Xiaochuan Li](#), ZICHUN YU, CHENYAN XIONG
ICLR 2025 [PDF]
- [4] OSWorld: Benchmarking Multimodal Agents for Open-Ended Tasks in Real Computer Environments
TIANBAO XIE, DANYANG ZHANG, JIXUAN CHEN, [Xiaochuan Li](#), SIHENG ZHAO, RUISHENG CAO, TOH JING HUA, ZHOUJUN CHENG, DONGCHAN SHIN, FANGYU LEI, YITAO LIU, YIHENG XU, SHUYAN ZHOU, SILVIO SAVARESE, CAIMING XIONG, VICTOR ZHONG, TAO YU
NIPS 2024 D&B Track [PDF]
- [5] Evaluating Robustness of Generative Search Engine on Adversarial Factoid Questions
XUMING HU*, [Xiaochuan Li](#)*, JUNZHE CHEN, YINGHUI LI, YANGNING LI, XIAOGUANG LI, YASHENG WANG, QUN LIU, LIJIE WEN, PHILIP S. YU, ZHIJIANG GUO
ACL 2024 Findings [PDF]
- [6] Towards Understanding Factual Knowledge of Large Language Models
XUMING HU*, JUNZHE CHEN*, [Xiaochuan Li](#)*, YUFEI GUO, LIJIE WEN, PHILIP S. YU, ZHIJIANG GUO
ICLR 2024 Spotlight [PDF]

Journal Articles

- [1] SongC: A Compiler for Hybrid Near-Memory and In-Memory Many-Core Architecture
JUNFENG LIN, HUANYU QU, SONGCHEN MA, XINGLONG JI, HONGYI LI, [Xiaochuan Li](#), CHENHANG SONG, WEIHAO ZHANG
IEEE Transactions on Computers, [TCSI-2023-01-0048] (IEEE TC) [PDF]

RESEARCH EXPERIENCE

CX's Group, LTI, Carnegie Mellon University Research Assistant to Professor Chenyan Xiong Lead the project on synthesizing higher-quality instruction-following data.	Jun. 2024 - Aug. 2025
XLANG lab, The University of Hong Kong Research assistant to Prof. Tao Yu Working on evaluating the capabilities and limitations of digital computer agents in real-world, open-ended tasks.	Jan. 2024 - Jun. 2024
THUBPM, Tsinghua University Research assistant to Prof. Philip S. Yu and Prof. Lijie Wen Leading the project on discovering factual errors in LLMs' reasoning using Adversarial Attacks.	Dec. 2022 - Dec. 2023

WORK EXPERIENCE

Research Intern at Qwen Team, Alibaba Advisor: Binyuan Hui Responsible for: 1) Develop Qwen3-Coder; 2) RL Infra for training of computer-use agents	Nov. 2024 - Aug. 2025
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SELECTED AWARDS AND HONORS

Scholarship	
• The Special-Class Scholarship, Tsinghua University (The highest honor, 10 out of 3000)	Nov. 2024
• The Fung Scholarship, Fung Foundation	Jan. 2024
• Comprehensive Excellence Scholarship, Tsinghua University (Top 1% in both Academics and Research)	Oct. 2024/2023/2022
• Academic Excellence Scholarship, Tsinghua University (Top 5% in Academics)	Sep. 2021
Awards	
• First Prize in Software Development Race, Tsinghua University	Nov. 2023
• Tsinghua University Undergraduate Academic Promotion Fund	Apr. 2023
• Outstanding student leaders, Tsinghua University	Oct. 2022
• Chairman of the 21st Student Union, School of Software, Tsinghua University	Jan. 2023 - Jan. 2024

ADDITIONAL INFORMATION

Paper Reviewers
• ICLR (2025); NeurIPS (2024-2025); ACL ARR;