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WORK

Professor at Southeast University School of Information Science and Engineering.	2026 - Present
Assistant Professor at University of California, Merced Department of Computer Science and Engineering.	2025 - 2026
Postdoctoral Researcher at University of California, Los Angeles	2023 - 2024
Applied Scientist at Amazon (Seattle)	2022 - 2023

EDUCATION

Doctor of Philosophy in Computer Science National University of Singapore	2019 - 2023
Master of Philosophy in Electronic and Computer Engineering Hong Kong University of Science and Technology	2017 - 2019
Bachelor of Science in Information Engineering Southeast University	2013 - 2017

PUBLICATIONS

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- [1] Baolong Bi, Yuyao Ge, Shenghua Liu, Yuchen He, Siqian Tong, Lizhe Chen, Lingrui Mei, Zehao Li, Yiwei Wang, Yujun Cai, Ming-Hsuan Yang, Xueqi Cheng. PromptCD: Test-Time Behavior Enhancement via Polarity-Prompt Contrastive Decoding, *TPAMI 2026*. (CCF-A) (JCR Q1)
 - [2] Honghao Fu, Jiacheng Chen, Manxi Lin, Junjun Zheng, Xiangheng Kong, Yiwei Wang, Xin Yu, Miao Xu, Yuning Jiang, Yujun Cai. AdaM-Rec: Adaptive Modality Routing for Multimodal Recommendation, *NeurIPS 2026*. (CCF-A)
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- [13] Yuyao Ge, Shenghua Liu, Yiwei Wang, Lingrui Mei, Baolong Bi, Xuanshan Zhou, Jiayu Yao, Jiafeng Guo, Xueqi Cheng. Focusing by Contrastive Attention: Enhancing VLMs’ Visual Reasoning, *ECCV 2026*.
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Association for the Advancement of Artificial Intelligence (AAAI) (CCF-A)
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 Conference on Empirical Methods in Natural Language Processing (EMNLP)
 Annual Meeting of the Association for Computational Linguistics (ACL) (CCF-A)
 North American Chapter of the Association for Computational Linguistics (NAACL)
 Association for Computational Linguistics Rolling Review (ACL ARR)
 European Conference on Computer Vision (ECCV) (CCF-A)
 International Conference on Computer Vision (ICCV) (CCF-A)
 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) (CCF-A)
 Conference on Language Modeling (COLM)
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IEEE TPAMI; IEEE TKDE; IET Image Processing; IEEE Transactions on Big Data; Pattern Recognition; Neurocomputing; Computer Science Review; Cybernetics and Systems; IEEE TSMC: Systems

TUTORIAL IN ACADEMIC CONFERENCES

From Perception to Simulation: The Emergence of World Models in Multi-modal Reasoning ECCV 2026
From Perception to Simulation: The Emergence of World Models in Multi-modal Reasoning CVPR 2026
Towards Comprehensive Reasoning in Vision-Language Models ICCV 2025

RESEARCH GRANTS

U.S. Bank Academic Grants Program	2026
NSF Computer and Information Science and Engineering Research Initiation Initiative (CRII)	2025
NVIDIA Academic Grants Program	2025
University of California at Merced Faculty Research Award	2025

AWARDS

Best Paper in ICML Workshop on AI for Science	2026
Best Paper Finalist in EMNLP	2024
Dean's Graduate Research Excellence Award (3-4 recipients annually)	2022
Research Achievement Award, NUS School of Computing	2020
SDSC Dissertation Research Fellowship (10 annual quotas)	2021
National Scholarship, Ministry of Education of the People's Republic of China	2015

TEACHING

Instructor, CSE 188 Natural Language Processing University of California, Merced	2026
Instructor, EECS 224 Large Language Models University of California, Merced	2025
Teaching Assistant, Big Data Systems for Data Science National University of Singapore	2021
Teaching Assistant, Programming Methodology National University of Singapore	2021
Teaching Assistant, Knowledge Discovery and Data Mining National University of Singapore	2020 and 2021
Teaching Assistant, Parallel Computing National University of Singapore	2020
Teaching Assistant, Signal Processing and Communications Hong Kong University of Science and Technology	2018