ZECHENG TANG

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🎓 EDUCATION & EXPERIENCE

Tongyi Qwen, Generative Foundation Model   Feb 2025 – Jan 2026
Research Intern   Mentor: Chenfei Wu

Shanghai Artificial Intelligence Laboratory, Research Collaboration   Oct 2024 – Jan 2025
Research Intern   Mentor: Lijun Wu

StepFun, Step-Video (Sora) Team   May 2024 – Sep 2024
Research Intern   Mentor: Chenfei Wu and Nan Duan

Microsoft Research Asia (MSRA), NLC Group, NUWA Team   Jan 2023 – Feb 2024
Research Intern   Mentor: Chenfei Wu and Nan Duan

Soochow University, Computer Science (CS)   Sep 2022 – Present
Ph.D. Student   Advisor: Assoc. Prof. Juntao Li and Prof. Min Zhang

Soochow University, Software Engineering (SE)   Sep 2018 – Jun 2022
Bachelor student   Outstanding & Honorary Graduate Student (Rank 1 / 380), Huawei Scholarship (Top 5%)

📑 SELECTED CONFERENCE & JOURNAL   * DENOTES EQUAL CONTRIBUTION

Visit my Homepage or Google Scholar for full list.

> **Long-context Modeling Mechanism & RL & Evaluation**

● (ACL 2025 Long, CCF-A) L-CiteEval: Do Long-Context Models Truly Leverage Context for Responding? | Zecheng Tang, Keyan Zhou, Juntao Li, Baibei Ji, Jianye Hou, Min Zhang

● (ACL 2025 Long, CCF-A) Revealing and Mitigating the Local Pattern Shortcuts of Mamba | Wangjie You*, Zecheng Tang*, Juntao Li, Lili Yao, Min Zhang

● (ICML 2025, CCF-A) LOGO – Long cOntext aliGnment via efficient preference Optimization | Zecheng Tang, Zechen Sun, Juntao Li, Qiaoming Zhu, Min Zhang

● (ACL 2023 Long, CCF A) Open-ended Long Text Generation via Masked Language Modeling | Xiaobo Liang*, Zecheng Tang*, Juntao Li, Min Zhang

● (ACL 2023 Long, CCF A) Bridging the Gap between Training and Inference for Diffusion Model | Zecheng Tang, Pinzheng Wang, Keyan Zhou, Juntao Li, Ziqiang Cao, Min Zhang

> **Foundation Model**

● (SCIS 2025, CCF-A) OpenBA: An Open-Sourced 15B Bilingual Asymmetric Seq2Seq Model Pre-trained from Scratch | Juntao Li*, Zecheng Tang*, Yuyang Ding*, Pinzheng Wang*, Pei Guo, Wangjie You, et al.

● (EMNLP 2024 Long, CCF-B) CMD: a framework for Context-aware Model self-Detoxification | Zecheng Tang, Keyan Zhou, Juntao Li, Yuyang Ding, Pinzheng Wang, Bowen Yan, Renjie Hua, Min Zhang

● (EMNLP 2022 Long, CCF B) Improving temporal generalization of pre-trained language models with lexical semantic change | Zhaochen Su*, Zecheng Tang*, Xinyan Guan, Juntao Li, Lijun Wu, Min Zhang

> **Multimodal Generation**

● (ICML 2024, CCF A) StrokeNUWA: Tokenizing Strokes for Vector Graphic Synthesis | Zecheng Tang, Chenfei Wu, Zekai Zhang, Mingheng Ni, Shengming Yin, Yu Liu, Zhengyuan Yang, Lijuan Wang, Zicheng Liu, Juntao Li, Nan Duan

- (ICLR 2024) LayoutNUWA: Revealing the Hidden Layout Expertise of Large Language Models | <u>Zecheng Tang</u>, Chenfei Wu, Juntao Li, Nan Duan

📕 SELECTED PREPRINT PUBLICATIONS   * DENOTES EQUAL CONTRIBUTION

Visit my Homepage or Google Scholar for full list.

> Long-context Modeling Mechanism & RL & Evaluation

- (Oct 2025) LongRM: Revealing and Unlocking the Context Boundary of Reward Modeling | <u>Zecheng Tang</u>, Baibei Ji, Quantong Qiu, Haitian Wang, Xiaobo Liang, Juntao Li, Min Zhang
- (Oct 2025) Revisiting Long-Context Modeling from a Context Denoising Perspective | <u>Zecheng Tang</u>, Baibei Ji, Juntao Li, Lijun Wu, Haijia Gui, Min Zhang
- (Jul 2025) LOOM-Scope: LOng-cOntext Model evaluation framework | <u>Zecheng Tang</u>, Haitian Wang, Quantong Qiu, Baibei Ji, Ruoxi Sun, Keyan Zhou, Juntao Li, Min Zhang
- (Aug 2024) MemLong: Memory-Augmented Retrieval for Long Text Modeling | Weijie Liu*, <u>Zecheng Tang</u>*, Juntao Li, Kehai Chen, Min Zhang

> Foundation Model

- (Aug 2025) Qwen-Image Technical Report | Core Contributor*
- (Feb 2025) Step-Video-T2V Technical Report: The Practice, Challenges, and Future of Video Foundation Model | Core Contributor*

> Multimodal Generation

- (Mar 2023 Preprint) Visual ChatGPT: Talking, Drawing and Editing with Visual Foundation Models | Chenfei Wu, Shengming Yin, Weizhen Qi, Xiaodong Wang, <u>Zecheng Tang</u>, Nan Duan

⚙ SELECTED PROJECTS

- **Qwen-Image / Qwen-Image_Edit**: SOTA image generation foundation model. | <u>Github Stars: 5.8K+</u>
- **TaskMatrix (Visual ChatGPT)**: Connecting ChatGPT and a series of Visual Foundation Models to enable sending and receiving images during chatting. | <u>Github Stars: 34.5K+</u>
- **Step-Video-T2V**: SoTA text-to-video foundation model with 30B parameters and the capability to generate videos up to 204 frames. T | <u>Github Stars: 3K+</u>
- **OpenBA**-series: The open-sourcing of 15B bilingual asymmetric seq2seq model for its entire training process, data sources, collection, and construction. | <u>Total Github Stars: >100</u>

★ HONORS & AWARDS

- Neurips Top Reviewer, Neurips Program Committee, 2025.
- National Scholarship, Soochow University, Oct 2025.
- Star of Tomorrow, MSRA, Feb 2024.
- Huawei Scholarship (Undergraduate) (Top 5%), Jun 2022
- Outstanding Graduate Student, Honorary Graduate Student (Rank 1st/380), Jun 2022

ℹ TALK & SERVICE

- Leveraging Large Language Models for Tool Invocation, OPPO Seminar, Apr 2023.
- Long Context Modeling in LLMs: Advances and Challenges, NLPCC2024 Tutorial (CCF C), Nov 2024.
- Reviewer of ACL/EMNLP/ARR 2023-2025; ICML/NeurIPS/ICLR 2024,2025; CVPR 2025; AAAI 2023,2024