

JIABAO JI

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🎓 EDUCATION

University of California, Santa Barbara, Santa Barbara, CA USA 2022.9 – Now

Ph.D. student in Computer Science and Technology, advised by **Prof. Shiyu Chang**

Shanghai Jiao Tong University, Shanghai, China 2018.9 – 2022.6

B.Eng in Computer Science and Technology, advised by **Prof. Lu Chen** and **Prof. Kai Yu**

ACM class, an elite CS program for top 5% talented students

👤 INDUSTRY EXPERIENCE

Llama Team@Meta GenAI, Menlo Park, CA USA 2024.6-2024.9

Research Intern, Host: *Wenhan Xiong* 🏠

Topic: Efficient long-context LLM inference

Adobe Research, San Jose, CA USA 2023.6-2023.9

Research Intern, Host: *Zhaowen Wang* 🏠

Topic: Controllable text-to-image diffusion model

📄 PUBLICATION

‡ indicates equal contributions.

Reversing the Forget-Retain Objectives: An Efficient LLM Unlearning Framework from Logit Difference 🏠 *NeurIPS 2024*

Jiabao Ji, Yujian Liu, Yang Zhang, Gaowen Liu, Ramana Rao Kompella, Sijia Liu, Shiyu Chang

Advancing the Robustness of Large Language Models through Self-Denoised Smoothing 🏠 *NAACL 2024*

Jiabao Ji‡, Bairu Hou‡, Zhen Zhang‡, Guanhua Zhang‡, Wenqi Fan, Qing Li, Yang Zhang, Gaowen Liu, Sijia Liu, Shiyu Chang

Improving Diffusion Models for Scene Text Editing with Dual Encoders 🏠 *TMLR 2023*

Jiabao Ji‡, Guanhua Zhang‡, Zhaowen Wang, Bairu Hou, Zhifei Zhang, Brian Price, Shiyu Chang

Towards Coherent Image Inpainting Using Denoising Diffusion Implicit Models 🏠 *ICML 2023*

Guanhua Zhang‡, **Jiabao Ji**‡, Yang Zhang, Mo Yu, Tommi Jaakkola, Shiyu Chang

Controlling the Focus of Pretrained Language Generation Models 🏠 *Findings of ACL 2022*

Jiabao Ji, Yoon Kim, James Glass, and Tianxing He

WebSRC: A Dataset for Web-Based Structural Reading Comprehension 🏠 *EMNLP 2021*

Xingyu Chen, Zihan Zhao, Lu Chen, **Jiabao Ji**, Danyang Zhang, Ao Luo, Yuxuan Xiong, Kai Yu


📄 PREPRINTS

Augment before You Try: Knowledge-Enhanced Table Question Answering via Table Expansion 🏠 *Arxiv*

Yujian Liu, **Jiabao Ji**, Tong Yu, Ryan Rossi, Sungchul Kim, Handong Zhao, Ritwik Sinha, Yang Zhang, Shiyu Chang

Defending Large Language Models against Jailbreak Attacks via Semantic Smoothing 🏠 *Arxiv*

Jiabao Ji‡, Bairu Hou‡, Alexander Robey‡, George J. Pappas, Hamed Hassani, Yang Zhang, Eric Wong, Shiyu Chang

DFM: Dialogue Foundation Model for Universal Large-Scale Dialogue-Oriented Task Learning 
arxiv

Zhi Chen, **Jiabao Ji**, Lu Chen, Yuncong Liu, Da Ma, Bei Chen, Mengyue Wu, Su Zhu, Jian-Guang Lou, Kai Yu

HONORS AND AWARDS

Zhiyuan Honorary Scholarship, Top 5% in SJTU
SJTU School-level Scholarship

2018 - 2021
2018 - 2021

SERVICES

- **Reviewer:** ICML'23, 24; Neurips'23, 24; ICLR'24, 25; CVPR'24; ACL'24; COLM'24
- **Workshop reviewer:** Neurips'24 AdvML-Frontiers
- **TA:** CSW8-W23, CS190I-W24, W25

SKILLS

- **Programming Languages:** C/C++, Python, Java
- **Deep Learning Packages:** PyTorch
- **Others:** Git, \LaTeX , Linux