JIABAO JI

✉ jiabaoji@ucsb.edu · ⚙ Question406 · ⚲ Homepage

🎓 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

📎 PUBLICIATION

‡ 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

ℹ HONORS AND AWARDS

Zhiyuan Honorary Scholarship, Top 5% in SJTU   2018 - 2021
SJTU School-level Scholarship   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