

Zhen Zhang

E-mail: zhen_zhang@ucsb.edu

[Webpage](#) [Google scholar](#)

Education

- University of California, Santa Barbara, CA** 2023 - Present
Ph.D. student in Computer Science
Advisor: Prof. Shiyu Chang
- Tsinghua University, Beijing, China** 2019 - 2023
B.S. in Mathematics and Physics

Publications

‡ indicates authors with equal contributions.

1. **Zhen Zhang**, Jialu Wang, Xin Eric Wang. "Parameter-Efficient Cross-lingual Transfer of Vision and Language Models via Translation-based Alignment". **Findings of EMNLP 2023**.
2. Shengding Hu, Ning Ding, Weilin Zhao, Xingtai Lv, **Zhen Zhang**, Zhiyuan Liu, Maosong Sun. "Open-Delta: A Plug-and-play Library for Parameter-efficient Adaptation of Pre-trained Models". **ACL Demo track, 2023**.
3. Shengding Hu[‡], **Zhen Zhang**[‡], Ning Ding, Yadao Wang, Yasheng Wang, Zhiyuan Liu, Maosong Sun. "Sparse structure search for delta tuning". **NeurIPS, 2022**.

Preprints

1. **Zhen Zhang**, Guanhua Zhang, Bairu Hou, Wenqi Fan, Qing Li, Sijia Liu, Yang Zhang, Shiyu Chang. "Certified Robustness for Large Language Models with Self-Denoising". **Arxiv**.
2. Yujia Qin, Shengding Hu, Yankai Lin, Weize Chen, Ning Ding, Ganqu Cui, Zheni Zeng, Yufei Huang, Chaojun Xiao, Chi Han, Yi Ren Fung, Yusheng Su, Huadong Wang, Cheng Qian, Runchu Tian, Kunlun Zhu, Shihao Liang, Xingyu Shen, Bokai Xu, **Zhen Zhang**, Yining Ye, Bowen Li, Ziwei Tang, Jing Yi, Yuzhang Zhu, Zhenning Dai, Lan Yan, Xin Cong, Yaxi Lu, Weilin Zhao, Yuxiang Huang, Junxi Yan, Xu Han, Xian Sun, Dahai Li, Jason Phang, Cheng Yang, Tongshuang Wu, Heng Ji, Zhiyuan Liu, Maosong Sun. "Tool learning with foundation models". **Arxiv**.

Major Awards and Honors

2022 Academic Excellence Award