

Education

Fudan University

Shanghai, China

B.S. in Software Engineering GPA: 3.52/4.00, Ranking: 18/110

Ph.D. in Computer Science

Sep. 2018 - Jun. 2022

Fudan University

Shanghai, China

GPA: 3.52/4.00, Ranking: 18/110

Sep. 2022 - Jun. 2027 (Expected)

Advisor: A.P. Xiaoqing Zheng, Pro. Xuanjing Huang, FudanNLP Lab

Publications

- o Advancing Spiking Neural Networks for Sequential Modeling with Central Pattern Generators 🗵
 - C Lv, D Han, Y Wang, X Zheng, X Huang, D Li
 - NeurIPS 2024, Spotlight
- o Efficient and Effective Time-Series Forecasting with Spiking Neural Networks 🗵
 - CLv, Y Wang, D Han, X Zheng, X Huang, D Li
 - ICML 2024, Poster
- o Spiking Convolutional Neural Networks for Text Classification
 - C Lv, J Xu, X Zheng
 - ICLR 2023, Poster
- o Promoting Data and Model Privacy in Federated Learning through Quantized LoRA
 - J Zhu, C Lv, X Wang, M Wu, W Liu, T Li, Z Ling, C Zhang, X Zheng, X Huang
 - EMNLP 2024, Findings
- o Advancing Parameter Efficiency in Fine-tuning via Representation Editing 🖹
 - M Wu, W Liu, X Wang, T Li, C Lv, Z Ling, J Zhu, C Zhang, X Zheng, X Huang
 - ACL 2024, Main
- o Aligning Large Language Models with Human Preferences through Representation Engineering 🗵
 - W Liu, X Wang, M Wu, T Li, C Lv, Z Ling, J Zhu, C Zhang, X Zheng, X Huang
 - ACL 2024, Main
- o Searching for Best Practices in Retrieval-Augmented Generation
 - X Wang, Z Wang, X Gao, F Zhang, Y Wu, Z Xu, T Shi, Z Wang, S Li, Q Qian, R Yin, C Lv, X Zheng, X Huang
 - EMNLP 2024, Main
- Parameter Efficient Multi-task Fine-tuning by Learning to Transfer Token-wise Prompts
 - M Wu, W Liu, J Xu, C Lv, Z Ling, T Li, L Huang, X Zheng, X Huang
 - EMNLP 2023, Findings

Preprint

- o SpikeBERT: A Language Spikformer Learned from BERT with Knowledge Distillation 🖹
 - C Lv, T Li, J Xu, C Gu, Z Ling, C Zhang, X Zheng, X Huang
- o Towards Biologically Plausible Computing: A Comprehensive Comparison 🖹
 - CLv, YGu, ZGuo, ZXu, YWu, FZhang, TShi, ZWang, RYin, YShang, ..., XZheng
- o SpikeCLIP: A Contrastive Language-Image Pretrained Spiking Neural Network 🖹
 - T Li, W Liu, C Lv, J Xu, C Zhang, M Wu, X Zheng, X Huang
- o Open the Pandora's Box of LLMs: Jailbreaking LLMs through Representation Engineering 🖹
 - T Li, S Dou, W Liu, M Wu, C Lv, X Zheng, X Huang
- o Tailoring Personality Traits in Large Language Models via Unsupervisedly-Built Personalized Lexicons
 - T Li, S Dou, C Lv, W Liu, J Xu, M Wu, Z Ling, X Zheng, X Huang
- o Decoding Continuous Character-based Language from Non-invasive Brain Recordings
 - C Zhang, X Zheng, R Yin, S Geng, J Xu, X Gao, C Lv, Z Ling, X Huang, M Cao, J Feng

Internship

- o Microsoft Research Asia
 - 2023.11 Present
 - I interned at Microsoft Research Asia, AI/ML Group, researching time-series forecasting.