Fangxu Yu

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EDUCATION

Nanjing University 2022.09 - 2025.06
Master of Computer Science and Technology
- GPA: 86 / 100
- Advisor: Prof. Xinyu Dai & Prof. Zhen Wu

Xidian University 2018.09 - 2022.06
Bachelor of Computer Science and Technology
- GPA: 3.8 / 4.0, Rank: 2 / 119

EXPERIENCE

University of California, San Diego 2023.09 - Present
Research Intern at CSE Department
- Advisor: Prof. Lianhui Qin
- Worked on LLM Jailbreaking and LLM multi-step reasoning.

University of Illinois Urbana-Champaign 2023.12 - 2024.02
Research Intern at ECE Department
- Advisor: Prof. Bin Hu
- Worked on LLM Jailbreaking.

Xidian University 2020.09 - 2022.06
Research Intern at School of Electronic Engineering
- Advisor: Prof. Bo Chen
- Worked on probabilistic topic modeling.

Xidian University 2021.01 - 2021.04
Research Intern at School of Artificial Intelligence
- Advisor: Prof. Fanhua Shang
- Worked on spatio-temporal video super-resolution.

PUBLICATIONS

- **Fangxu Yu**, Lai Jiang, Haoqiang Kang, Shibo Hao, Lianhui Qin, "Flow of Reasoning: Training LLMs for Divergent Problem Solving with Minimal Examples", **Under Review, ICLR 2025**

- Xingang Guo*, **Fangxu Yu***, Huan Zhang, Lianhui Qin, Bin Hu, "COLD-Attack: Jailbreaking LLMs with Stealthiness and Controllability", in **ICML 2024**

- **Fangxu Yu**, Junjie Guo, Zhen Wu, Xinyu Dai, "Beyond Verbal Cues: Emotional Contagion Graph Network for Causal Emotion Entailment", **To be submitted.**

- **Fangxu Yu**, Junjie Guo, Zhen Wu, Xinyu Dai. "Emotion-Anchored Contrastive Learning Framework for Emotion Recognition in Conversation", in **Findings of NAACL 2024**

- Sanghyun Son, Suyoung Lee, Seungjun Nah, ..., **Fangxu Yu**, et al., "NTIRE 2021 challenge on video super-resolution", in **CVPR Workshop 2021**

- Wenchao Chen, Bo Chen, Yicheng Liu, Xiaojun Peng, Haoyang Fan, **Fangxu Yu** and Hongwei Liu. "Bidirectional Recurrent Gamma Belief Network for HRRP Target Recognition", in **Signal Processing 2021**

Technical Skills

Programming Skills: C, Python, Pytorch, Pytorch Geometric
Language: TOEFL: 97 (R: 27, L: 27, S: 22, W: 21)

Professional Services

Teaching Assistant: Introduction to AI programming, Nanjing University Spring, 2023
Conference Reviewer: EMNLP 2024, ICLR 2025

Awards and Honors

Xiaomi Scholarship, 2024
First Prize of Excellent Student Scholarship of XDU, 2020
Second Prize of Excellent Student Scholarship of XDU, 2019
Second prize in the National Mathematics Competition for College Students, 2019, 2020
First prize in the Shaanxi Advanced Mathematics Competition, 2019.