

Fangxu Yu

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EDUCATION

Xidian University

2018.09 - 2022.06

Bachelor of Computer Science and Technology

- GPA: 3.8 / 4.0 rank: 2 / 119

Nanjing University

2022.09 - 2025.06

Master of Computer Science and Technology

- GPA: 86.29 / 100
- Advisor: Prof. Xinyu Dai & Prof. Zhen Wu

EXPERIENCE

Research Intern

2020.09 - 2022.06

National Laboratory of Radar Signal Processing

Xidian University

- Probabilistic topic model and natural language processing, advised by Prof. Bo Chen

Research Intern

2021.01 - 2021.04

School of Artificial Intelligence

Xidian University

- Video Super Resolution, advised by Prof. Fanhua Shang

Research Intern

2023.09 - Present

Department of CSE

University of California, San Diego

- LLM reasoning, advised by Prof. Lianhui Qin

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", in **Under Review COLING 2025**
- **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**

TECHNICAL SKILLS

Programming Skills: C, Python, Pytorch, Pytorch Geometric

Language: TOEFL: 97

PROFESSIONAL SERVICES

Teaching Assistant: Introduction to AI programming, Nanjing University Spring, 2023

Conference Reviewer: EMNLP 2024, ICLR 2025

AWARDS AND HONORS

First Prize of Excellent Student Scholarship of XDU, 2020

Second prize in the National Mathematics Competition for College Students, 2019, 2020

First prize in the Shaanxi Advanced Mathematics Competition, 2019.