

# Fangxu Yu

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## EDUCATION

### Xidian University

*Bachelor of Computer Science and Technology*

Xi'an, China

2018.09-2022.06

- GPA: 3.8 / 4.0 rank:2/119

### Nanjing University

*Master of Computer Science and Technology*

Nanjing, China

2022.09-2025.06

- Advisor: Prof. Xinyu Dai & Prof. Zhen Wu

## EXPERIENCE

### Research Intern

*National Laboratory of Radar Signal Processing*

2020.09 – 2022.06

Xidian University

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

### Research Intern

*Key Laboratory of Intelligent Perception and Image Understanding of Ministry of Education*

2021.01-2021.04

Xidian University

- Video Super Resolution, advised by Prof. Fanhua Shang

### Research Intern

*Department of CSE*

2023.09 – Present

University of California, San Diego

- LLM reasoning, advised by 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