

# Fangxu Yu

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## EDUCATION

<b>Xidian University</b> <i>Bachelor of Computer Science and Technology</i>	2018.09 - 2022.06
• GPA: 3.8 / 4.0 rank: 2 / 119	
<b>Nanjing University</b> <i>Master of Computer Science and Technology</i>	2022.09 - 2025.06
• GPA: 86.29 / 100	
• Advisor: Prof. Xinyu Dai & Prof. Zhen Wu	

## EXPERIENCE

<b>Research Intern</b> <i>National Laboratory of Radar Signal Processing</i>	2020.09 - 2022.06
• Probabilistic topic model and natural language processing, advised by Prof. Bo Chen	<i>Xidian University</i>
<b>Research Intern</b> <i>School of Artificial Intelligence</i>	2021.01 - 2021.04
• Video Super Resolution, advised by Prof. Fanhua Shang	<i>Xidian University</i>
<b>Research Intern</b> <i>Department of CSE</i>	2023.09 - Present
• LLM reasoning, advised by Prof. Lianhui Qin	<i>University of California, San Diego</i>

## 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 (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 in the National Mathematics Competition for College Students, 2019, 2020

First prize in the Shaanxi Advanced Mathematics Competition, 2019.