

Fangxu Yu

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EDUCATION

University of Maryland, College Park	2025.09 - 2030.06(Expected)
<i>Ph.D. of Computer Science</i>	
• Advisor: Prof. Yaodong Yu & Prof. Tianyi Zhou	
Nanjing University	2022.09 - 2025.06
<i>Master of Computer Science and Technology</i>	
• GPA: 86 / 100	
• Advisor: Prof. Xinyu Dai & Prof. Zhen Wu	
Xidian University	2018.09 - 2022.06
<i>Bachelor of Computer Science and Technology</i>	
• GPA: 3.8 / 4.0, Rank: 2 / 119	

EXPERIENCE

University of California, San Diego	2023.09 - Present
<i>Research Intern at CSE Department</i>	
• Advisor: Prof. Lianhui Qin	
• Worked on LLM Jailbreaking and LLM multi-step reasoning.	
University of Illinois Urbana-Champaign	2023.12 - 2024.02
<i>Research Intern at ECE Department</i>	
• Advisor: Prof. Bin Hu	
• Worked on LLM Jailbreaking.	
Xidian University	2020.09 - 2022.06
<i>Research Intern at School of Electronic Engineering</i>	
• Advisor: Prof. Bo Chen	
• Worked on probabilistic modeling.	
Xidian University	2021.01 - 2021.04
<i>Research Intern at School of Artificial Intelligence</i>	
• Advisor: Prof. Fanhua Shang	
• Worked on spatio-temporal video super-resolution.	

PUBLICATIONS

- **Fangxu Yu**, Lai Jiang, Shenyi Huang, Zhen Wu, Xinyu Dai, "PersuasiveToM: A Benchmark for Evaluating Machine Theory of Mind in Persuasive Dialogues.", **Under Review, ACL 2025**
- **Fangxu Yu**, Lai Jiang, Haoqiang Kang, Shibo Hao, Lianhui Qin, "Flow of Reasoning: Training LLMs for Divergent Problem Solving with Minimal Examples", **Under Review, ICML 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", **Under Review, ACL 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 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, ARR

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.