

## Education Background

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**University of Southern California (USC)** *Los Angeles, USA*  
**Ph.D. in Computer Science** *08/2023~Current*

- Advisor: Dr. Jay Pujara

**University of Southern California (USC)** *Los Angeles, USA*  
**M.S. in Computer Science** *01/2022~08/2023* **Overall GPA: 3.9/4.0**

- Advisor: Dr. Filip Ilievski

**Southern University of Science and Technology (SUSTech)** *Shenzhen, China*  
**B.S. in Computer Science** *09/2017~06/2021* **Overall GPA: 3.78/4.0**

- Advisor: Dr. Xuan Song

**University of California, Berkeley (UCB)** *San Francisco, USA*  
**Exchange program in Computer Science** *01/2020~05/2020* **Overall GPA: 4.0/4.0**

## Experience

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**Hippocratic AI** *Palo Alto, USA*  
Research Intern *05/2024~08/2024*

**Information Sciences Institute, USC** *Los Angeles, USA*  
Research Assistant *05/2022~08/2023*

**Computer Science Department, USC** *Los Angeles, USA*  
Teaching Assistant *06/2022~12/2022*

**SUSTech-Tokyo Joint Research Center for Super Smart City** *Shenzhen, China*  
Research Assistant *01/2021~12/2021*

## Publication

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- RED QUEEN: Safeguarding Large Language Models against Concealed Multi-Turn Jailbreaking  
Yifan Jiang, Kriti Aggarwal, Subhabrata Mukherjee, Tanmay Laud, Kashif Munir, Jay Pujara  
[Preprint]
- COLUMBUS: A Visual Question Answering Benchmark to Evaluate COgnitive Lateral Understanding through Multiple-choice reBUSes  
Koen Kraaijveld, Yifan Jiang, Kaixin Ma, Filip Ilievski  
[Preprint]
- CharmNet: Bringing a Touch of Appeal to Real-World Image Descriptions  
Yuyan Chen, Yifan Jiang, Li Zhou, shuangjie you, Jingwen Chang, Yi Zhang, Yanghua Xiao, Ming Yang, Qingpei Guo  
[Preprint]
- MARVEL: Multidimensional Abstraction and Reasoning through Visual Evaluation and Learning  
Yifan Jiang<sup>\*</sup>, Jiarui Zhang<sup>\*</sup>, Kexuan Sun<sup>\*</sup>, Zhivar Sourati, Kian Ahrabian, Kaixin Ma, Filip Ilievski, Jay Pujara  
[NeurIPS DB 2024]
- The curious case of nonverbal abstract reasoning with multi-modal large language models  
Kian Ahrabian<sup>\*</sup>, Zhivar Sourati<sup>\*</sup>, Kexuan Sun<sup>\*</sup>, Jiarui Zhang, Yifan Jiang, Fred Morstatter, Jay Pujara  
[COLM 2024] Conference On Language Modeling, 2024

- **ARN: Analogical Reasoning on Narratives**  
Zhivar Sourati, Filip Ilievski, Pia Sommerauer, **Yifan Jiang**  
[TACL 2024] Transactions of the Association for Computational Linguistics, 2024.
- **Semeval-2024 task 9: Brainteaser: A novel task defying common sense**  
**Yifan Jiang**, Filip Ilievski, Kaixin Ma  
[SemEval@NAACL 2024] The 18th International Workshop on Semantic Evaluation, 2024.
- **BRAINTEASER: Lateral Thinking Puzzles for Large Language Models**  
**Yifan Jiang**, Filip Ilievski, Kaixin Ma, Zhivar Sourati  
[EMNLP 2023] Conference on Empirical Methods in Natural Language Processing, 2023.
- **Transferring Procedural Knowledge across Commonsense Tasks**  
**Yifan Jiang**, Kaixin Ma, Filip Ilievski  
[WNU@ACL 2023] ACL 2023 5th Workshop on Narrative Understanding.  
[ECAI 2023] European Conference on Artificial Intelligence, 2023.
- **FIRE: Food Image to REcipe generation**  
Prateek Chhikara, Dhiraj Chaurasia, **Yifan Jiang** and Omkar Masur  
[WACV 2024] IEEE/CVF Winter Conference on Applications of Computer Vision, 2023.
- **TrafPS: A Shapley-based Visual Analytics Approach to Interpret Traffic**  
Zezheng Feng, **Yifan Jiang**, Hongjun Wang, Zipei Fan, Yuxin Ma, Shuang-Hua Yang, Huamin Qu, Xuan Song  
[CVMJ 2023] Computational Visual Media Journal, 2023.

## Service

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- [2025] Reviewer for COLING, COLING\_demo, ICLR, IEEE\_SSCI
- [2024] Reviewer for SemEval, LREC-COLING, Analogy-ANGLE Workshop(co-located with IJCAI)

## Honors

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- The Honor Roll Merit Scholarship, Southern University of Science and Technology, 2018,2019,2020
- Computer Science Outstanding Graduate Award, Southern University of Science and Technology, 2021
- Computer Science Honor Program, University of Southern California, 2022
- ISI Distinguished Graduate Student Researcher Fellowship Award, University of Southern California, 2023