|  |  |
| --- | --- |
| **Meng Jiang, Ph.D.** | |
| 326C Cushing Hall, Notre Dame, IN 46556 | mjiang2@nd.edu |
| <http://www.meng-jiang.com> | +1 (574) 631-7454 |

|  |  |  |
| --- | --- | --- |
| **Work and Education Experience** |  |  |
| Associate Professor with Tenure  Assistant Professor  *Computer Science and Engineering, University of Notre Dame* |  | 2023 –  2017 – 2023 |
| Postdoctoral Research Associate  *Computer Science, University of Illinois at Urbana-Champaign* |  | 2015 – 2017 |
| Research Assistant  *Computer Science, Tsinghua University* | Ph.D.  B.E. | 2010 – 2015  2006 – 2010 |

|  |  |
| --- | --- |
| **Google Scholar:** <https://scholar.google.com/citations?user=LZIPfCkAAAAJ> |  |
| Citations: 9191; h-index: 50; i10-index: 124 | (3/4/2025) |

|  |  |  |
| --- | --- | --- |
| **Selected Grants and Awards** |  |  |
| NSF CAREER: “NLP for mental health” | $549,969 (sole PI) | 03/15/2022 – 02/28/2027 |
| NSF III: “Knowledge and Reasoning” | $599,962 (sole PI) | 06/01/2023 – 05/31/2026 |
| NSF III: “Graph data augmentation” | $515,999 (sole PI) | 03/01/2022 – 02/28/2025 |
| NSF CRII: “Complementarity learning” | $174,910 (sole PI) | 10/01/2019 – 09/30/2021 |
| ONR: “Network intrusion detection” | $459,251 (sole PI) | 06/01/2022 – 05/31/2025 |
| NSF RI: “Retrieval augmented NLG” | $515,982 (co-PI) | 07/01/2022 – 06/30/2025 |
| NSF RETTL: “AI for Education” | $849,994 (co-PI) | 09/15/2021 – 08/31/2024 |
| Outstanding Paper Award at EMNLP Distinguished Paper Award at ACM ICSE |  | 2023  2021 |
| Best Paper Award at ACM KDD-DLG |  | 2020 |
| Best Paper Finalist at ACM SIGKDD |  | 2014 |

|  |
| --- |
| **Recent Peer-reviewed Conference Papers** |
| 1. Liu, …, Jiang. “Protecting Privacy in Multimodal Large Language Models with MLLMU-Bench,” in *NAACL* 2025. 2. Zhang, …, Jiang. “IHEval: Evaluating Language Models on Following the Instruction Hierarchy,” in *NAACL* 2025. 3. Liu, …, Jiang. “Multimodal Large Language Models for Inverse Molecular Design with Retrosynthetic Planning,” in *ICLR* 2025. 4. Liu, …, Jiang. “Learning Molecular Representation in a Cell,” in *ICLR* 2025. |

|  |
| --- |
| **Recent Conference Tutorials** (from **15** tutorials) |
| 1. Zhang, Lou, Jiao, Yin, Jiang. “Advancing Language Models through Instruction Tuning: Recent Progress and Challenges,” in *EMNLP* 2025. 2. Zhu, Xu, Ren, Lin, Jiang, Yu. “Knowledge-Augmented Methods for Natural Language Processing,” in *WSDM* 2023. |

|  |
| --- |
| **Recent Peer-reviewed Journal Papers** |
| 1. Xu, …, Jiang. “Transcend the Boundaries: Machine Learning for Designing Polymeric Membrane Materials for Gas Separation,” in *Chemical Physics Reviews* 2024. 2. Xu, …, Jiang. “Superior Polymeric Gas Separation Membrane Designed by Explainable Graph Machine Learning,” in *Cell Reports Physical Science* 2024. |
| **Organized 9 Workshops in International Conferences** (KDD/ACL/EMNLP) |

**Courses Taught**

CSE 40647/60647 Data Science: ~15 juniors, ~50 seniors, and ~15 graduates

* *Fall 2017, Spring 2018, Fall 2018, Fall 2019, Fall 2020, Fall 2021, Fall 2022, Spring 2025*

CSE 60326 Computational Behavior Modeling: ~20 graduates

* *Spring 2020, Spring 2021, Spring 2022, Spring 2023*

CSE 60556 Large Language Models: ~30 graduates

* *Fall 2024*

**Organizing Committee**

*Tutorial Chair*, ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**) 2025

*Web Chair*, ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**) 2023 and 2024

*Doctoral Consortium Chair*, ACM Conference on Web Search and Data Mining (**WSDM**) 2022

*Publication Chair*, ACM International Conference on Knowledge Management (**CIKM**) 2021

*Co-Chair*, the 4th Workshop on Knowledge Augmented Methods for NLP (**KnowledgeNLP**) at NAACL 2025; the 3rd KnowledgeNLP at ACL 2024; the 2nd KnowledgeNLP at KDD 2023; the 1st KnowledgeNLP at AAAI 2023

*Co-Chair*, Workshop on Data Mining in IT Operations (**BigData-IT**) at IEEE BigData 2022

*Co-Chair*, Workshop on Misinformation and Misbehavior Mining on the Web (**MIS2**) at ACM SIGKDD 2022, SIGKDD 2021, and WSDM 2018

**Program Committee**

* AAAI Conference on Artificial Intelligence (AAAI):

(PC: 2017--2021, SPC: 2022—2024)

* ACM SIGKDD Int'l Conf. on Knowledge Discovery and Data Mining (KDD)

(PC: 2018--2021, SPC: 2022--2025)

* ACM International Conference on Knowledge Management (CIKM):

(PC: 2017--2019, SPC: 2020--2025)

**Professional Membership**

* IEEE (92705271): Member (2015-2022), Senior Member (2023-)
* ACM (5577262): Member (2018-2022), Senior Member (2023-)
* ACL (mjiang89): Member (2023-2027)