|  |  |
| --- | --- |
| **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** |  |  |
| Assistant Professor  *Computer Science and Engineering, University of Notre Dame* |  | 2017 – |
| 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: 5218; h-index: 37; i10-index: 77 | (06/16/2023) |

|  |  |  |
| --- | --- | --- |
| **Awards, Gift, and Grants** |  |  |
| NSF CAREER: “NLP for mental health” | $549,969 (sole PI) | 03/15/2022 – 02/28/2027 |
| 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 SHF: “Semantic mining and learning” | $1,035,030 (co-PI) | 08/15/2019 – 08/14/2023 |
| NSF RETTL: “AI for Education” | $849,994 (co-PI) | 09/15/2021 – 08/31/2024 |
| Amazon gift: “Graph learning” | $20,000 (sole PI) | 2021 |
| Snap Research gift: “Graph learning” | $10,000 (sole PI) | 2020 |
| Distinguished Paper Award at ACM ICSE |  | 2021 |
| Best Paper Award at ACM KDD-DLG |  | 2020 |
| Best Paper Finalist at ACM SIGKDD |  | 2014 |

|  |
| --- |
| **Selected Recent Peer-reviewed Conference Papers** (**78** papers, inc. **15** KDD and **6** AAAI) |
| 1. Jiang. “Cross-network learning with partially aligned GCNs,” in *KDD* 2021. 2. Zeng, Lin, Yu, Cleland-Huang, Jiang. “Enhancing Taxonomy Completion with Concept Generation via Fusing Relational Representations,” in *KDD* 2021. 3. Wang, Jiang, Syed, Conway, Juneja, Subramanian, Chawla. “Calendar graph neural networks for modeling time structures in spatiotemporal user behaviors,” in *KDD* 2020. 4. Jiang, Zhao, Qin, Liu, Chawla, Jiang. “The Role of Condition: A Novel Scientific Knowledge Graph Representation and Construction Model,” in *KDD* 2019. 5. Wang, Jiang, Chawla, Jiang. “TUBE: Embedding Behavior Outcomes for Predicting Success,” in *KDD* 2019. |

|  |
| --- |
| **Selected Recent Conference Tutorials** (**14** tutorials in KDD/ACL/EMNLP) |
| 1. Yu, Jiang, Hu, Wang, Ji, Rajani. “Knowledge-enriched natural language generation,” to appear in *EMNLP* 2021. 2. Jiang, Shang. “Scientific text mining and knowledge graphs,” in *KDD* 2020. |

|  |
| --- |
| **Selected Recent Peer-reviewed Journal Papers** (**34** papers, inc. **8** IEEE TKDE) |
| 1. Zhao, Jiang, Shah, Jiang. “A synergistic approach for graph anomaly detection with pattern mining and feature learning,” in IEEE TNNLS, 2021. (IF=8.793) 2. Wang, Zhang, Ma, Zhao, Jiang, Chawla, Jiang. “Modeling co-evolution of attributed and structural information in graph sequence,” in IEEE TKDE, 2021. (IF=4.935) |

**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*

CSE 60326 Computational Behavior Modeling: ~20 graduates

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

**Organizing Committee**

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

*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 2nd Workshop on Knowledge Augmented Methods for NLP (**KnowledgeNLP**) at KDD 2023; the 1st Workshop on Knowledge Augmented Methods for NLP 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--2023)

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

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

* ACM International Conference on Knowledge Management (CIKM):

(PC: 2017--2019, SPC: 2020--2022)

* International Joint Conference on Artificial Intelligence (IJCAI):

(SPC: 2021)

* The Web Conference (WWW):

(PC: 2018--2022)

* International Conference on Web Search and Data Mining (WSDM):

(PC: 2019--2022)

* Asia-Pacific Chapter of the Association for Computational Linguistics (AACL):

(SAC: 2022)

* Annual Meeting of the Association for Computational Linguistics (ACL):

(Reviewer: 2020--2022)

* Conference on Empirical Methods in Natural Language Processing (EMNLP):

(Reviewer: 2018--2020; AC: 2021)

* Conference on Neural Information Processing Systems (NeurIPS):

(Reviewer: 2020--2022)

* International Conference on Learning Representations (ICLR):

(Reviewer: 2021)

* SIAM Conference on Data Mining (SDM):

(PC: 2018--2021)

**Professional Membership**

* IEEE (92705271): Member (2015-2022), Senior Member (2023-)
* ACM (5577262): Member (2018-2022), Senior Member (2023-)
* CCF (92716M): Member (2018-)