

Meng Jiang, Ph.D.

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Work and Education Experience

| | | |
|---|-------|-------------|
| Assistant Professor | | 2017 – |
| <i>Computer Science and Engineering, University of Notre Dame</i> | | |
| Postdoctoral Research Associate | | 2015 – 2017 |
| <i>Computer Science, University of Illinois at Urbana-Champaign</i> | | |
| Research Assistant | Ph.D. | 2010 – 2015 |
| <i>Computer Science, Tsinghua University</i> | B.E. | 2006 – 2010 |

Google Scholar: <https://scholar.google.com/citations?user=LZIPfCkAAAAJ>

Citations: 2373; h-index: 23; i10-index: 36 (12/29/2020)

Awards, Gift, and Grants

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|---|---------------------|-------------------------|
| Snap Research gift: “Graph learning” | \$10,000 | 07/01/2020 – |
| NSF CRII: “Complementarity learning” | \$174,910 (sole PI) | 10/01/2019 – 09/30/2021 |
| NSF SHF: “Semantic mining and learning” | \$1,019,030 (co-PI) | 08/15/2019 – 09/30/2021 |
| Notre Dame Research Faculty Award | \$43,811 (co-PI) | 05/01/2019 – 08/31/2021 |
| Conde Nast: “Representation learning” | \$148,400 (co-PI) | 01/21/2019 – 05/20/2020 |
| Best Paper Award at KDD-DLG | | 2020 |
| Best Paper Award at ISDSA | | 2020 |
| Best Paper Finalist at ACM SIGKDD | | 2014 |

Selected Recent Peer-reviewed Conference Papers (50+ papers, including 10 KDD)

- [1] Wang, Jiang, Syed, Conway, Juneja, Subramanian, Chawla. “Calendar graph neural networks for modeling time structures in spatiotemporal user behaviors,” in *KDD* 2020.
- [2] Zhao, Deng, Yu, Jiang, Wang, Jiang. “Error-bounded graph anomaly loss for GNNs,” in *CIKM* 2020.
- [3] Yu, Wu, Zeng, Tao, Deng, Jiang. “Cross variational autoencoders for answer retrieval,” in *ACL* 2020.
- [4] Yu, Yu, Zhao, Jiang. “Identifying referential intention with heterogeneous contexts,” in *WWW* 2020.
- [5] Yu, Peng, Shu, Zeng, Jiang. “Experimental evidence extraction in data science with hybrid table features and ensemble learning,” in *WWW* 2020.

Selected Recent Conference Tutorials (10 tutorials)

- [6] Yu, Jiang, Hu, Wang, Ji, Rajani. “Knowledge-enriched natural language generation,” to appear at *EMNLP* 2021.
- [7] Jiang, Shang. “Scientific text mining and knowledge graphs,” in *KDD* 2020.

Selected Recent Peer-reviewed Journal Papers (20+ papers, including 7 IEEE TKDE)

- [8] Liu, Jiang, Luo. “Leverage electron properties to predict phonon properties via transfer learning for semiconductors,” in *Science Advances*, 04 Nov 2020. (IF=12.530)
- [9] Jiang, Ammerman, Zeng, Jacobucci, Brodersen. “Phrase-level pairwise topic modeling to uncover helpful peer responses to online suicidal crises,” in *Nature Humanities & Social Sciences Communications*, 7:36, 15 July 2020.