

JINJIE NI

Ph.D. candidate | Machine Learning, Natural Language Processing, Dialogue Systems
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Papers

- **Jinjie Ni**, Vlad Pandelea, Tom Young, Haicang Zhou, Erik Cambria. *HiTKG: Towards Goal-guided Conversations*. In Proceedings of the AAAI Conference on Artificial Intelligence 2022.
- **Jinjie Ni**, Tom Young, Vlad Pandelea, Fuzhao Xue, Vinay Adiga, Erik Cambria. *Recent Advances in Deep Learning Based Dialogue Systems: A Systematic Survey*. Artificial Intelligence Review, under review.
- Tom Young, Frank Xing, Vlad Pandelea, **Jinjie Ni**, Erik Cambria. *FusedChat: towards fusing task-oriented dialogues and chitchat in multi-turn conversational agents*. In Proceedings of the AAAI Conference on Artificial Intelligence 2022.
- Fuzhao Xue, Aixin Sun, Hao Zhang, **Jinjie Ni**, Eng Siong Chng. *An embarrassingly simple model for dialogue relation extraction*. International Conference on Acoustics, Speech and Signal Processing 2022, under review.
- **Jinjie Ni**, Hongyi Nie, Luomeng Zhang, Feng Yang. *Synthetic Sentiment Energy: Situation Assessment in Crowds*. In Proceedings of the IEEE International Conference on Robotics and Biomimetics 2019.
- **Jinjie Ni**, Hongyi Nie, Luomeng Zhang, Feng Yang. *Group Emotion Analysis Based on Binary-Channel Neural Network*. In Proceedings of the Ninth Information Fusion Conference.
- Xiaonan Fan, Shaowu Zhang, Songyao Zhang, **Jinjie Ni**. *lncRNA_Mdeep: an alignment-free predictor for distinguishing long non-coding RNAs from protein-coding transcripts by multimodal deep learning*. International Journal of Molecular Sciences-847376; doi: 10.3390.
- Hongyi Nie, Guodong Cai, Baorong Liu, Xinyu Hu, Feng Yang, **Jinjie Ni**, Xiaolei Hou. *On Development of An Autonomous Ball Collecting Wheeled Mobile Robot*. In Proceedings of the IEEE International Conference on Vehicle Control and Intelligence 2019.

Academic Qualifications

- **Aug/2016 - Jul/2020 | BACHELOR OF ENGINEERING | Northwestern Polytechnical University**
Department of Intelligence Science and Technology, School of Automation.
- **Aug/2020 - Present | DOCTOR OF PHILOSOPHY | Nanyang Technological University**
School of Computer Science and Engineering.

Employment History

- Oct/2018 - Nov/2018 | Research Intern | Institute of Computing Technology, Chinese Academy of Sciences. Work with Dr. Shuai Jiao.
- Jan/2019 - Mar/2019 | Research Assistant | Winter Research. Work with Dr. Pavlos Protopapas.
- Oct/2019 - Jan/2020 | Teaching Assistant | Harvard University.
- Feb/2020 - Jun/2020 | Research Intern | Institute of Automation, Chinese Academy of Sciences. Work with Dr. Sen Xin.
- Sep/2020 - Present | Research Intern | Continental-NTU Corp Lab. Work with Dr. Rui Mao.