Xiang Zhou
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EDUCATION

AUG. 2018–PRESENT	Ph.D. student in Computer Science **University of North Carolina at Chapel Hill**, US
SEPT. 2014–JULY. 2018	B.S.E. in Computer Science **Shanghai Jiao Tong University**, China IEEE Honor Class, Major GPA Ranking: 3/70

EXPERIENCE

AUG. 2018–PRESENT	**UNC-NLP Research Group, UNC Chapel Hill** *Research Assistant, Supervised by Prof. Mohit Bansal* • Analysis of instability in Natural Language Inference/Question Answering models • Robustifying Natural Language Inference models with adversarial methods
JUNE 2020–OCT. 2020	**Amazon Alexa AI** *Research Intern, Supervised by Heba Elfardy and Tom Butler* • Automatic detection of unreliable news
JULY 2016–JUNE 2018	**Speech Lab, Shanghai Jiao Tong University** *Research Assistant, Supervised by Prof. Kai Yu* • Implementation and design of reinforcement learning framework enabling neural dialogue state tracker to learn from human/statistical models • Joint optmization of dialogue policy and dialogue state tracker
JULY 2017–SEPT. 2017	**NLP Group, Univesity of Notre Dame** *Research Intern, Supervised by Prof. David Chiang* • Design auxliary loss to encourage character-level neural language model to predict beyond the next token

PUBLICATIONS

2020   **Xiang Zhou**, Yixin Nie, Hao Tan and Mohit Bansal. *The Curse of Performance Instability in Analysis Datasets: Consequences, Source, and Suggestions.* In Proceedings of the Conference on Empirical Methods in Natural Language Processing 2020 (EMNLP 2020)

2020   Yixin Nie, **Xiang Zhou** and Mohit Bansal. *What Can We Learn from Collective Human Opinions on Natural Language Inference Data?.* In Proceedings of the Conference on Empirical Methods in Natural Language Processing 2020 (EMNLP 2020)

2020   **Xiang Zhou** and Mohit Bansal. *Towards Robustifying NLI Models Against Lexical Dataset Biases.* In Proceedings of the 2020 Annual Conference of the Association for Computational Linguistics (ACL 2020)

2017   Lu Chen, **Xiang Zhou**, Cheng Chang, Runzhe Yang and Kai Yu. *Rule-Guided Safe and Efficient On-line Dialogue Policy Learning.* In Proceedings of the Conference on Empirical Methods in Natural Language Processing 2017 (EMNLP 2017)

2017   Cheng Chang, Runzhe Yang, Lu Chen, **Xiang Zhou** and Kai Yu. *Affordable On-line Dialogue Policy Learning.* In Proceedings of the Conference on Empirical Methods in Natural Language Processing 2017 (EMNLP 2017)

2017   Lu Chen, Runzhe Yang, Cheng Chang, Zihao Ye, **Xiang Zhou** and Kai Yu. *On-line Dialogue Policy Learning with Companion Teaching.* In Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2017)

Professional Services

Program Committee/Reviewer   EMNLP 2020

Academic Activities

Sept. 2017–July. 2018   Co-translator of the Chinese translation of *Reinforcement Learning: An Introduction*

Selected Scholarships and Awards

2015   The Mathematical Contest in Modeling 2015 Meritorious Winner
2015, 2016   Academic Excellence Scholarship Prize B (Top 10%)
2015   Xindong Scholarship (Top 10%)
2016   Eleme Scholarship (Top 10%)

Skills

Programming Languages: Python, C++, Lua, MATLAB, LaTeX, Verilog HDL
Machine Learning Frameworks: PyTorch, TensorFlow, MXNet, DyNet