

Xiang Zhou
Ph.D. Student
<https://owenzx.github.io>

April 18, 2020
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EDUCATION

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| 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 |

RESEARCH EXPERIENCE

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| AUG. 2018–PRESENT | UNC-NLP Research Group, UNC Chapel Hill
<i>Research Assistant, Supervised by Prof. Mohit Bansal</i> <ul style="list-style-type: none">• Analysis of instability in Natural Language Inference/Question Answering models• Robustifying Natural Language Inference models with adversarial methods
<i>work in submission</i> |
| JULY 2016–JUNE 2018 | Speech Lab, Shanghai Jiao Tong University
<i>Research Assistant, Supervised by Prof. Kai Yu</i> <ul style="list-style-type: none">• Implementation and design of reinforcement learning framework enabling neural dialogue state tracker to learn from human/statistical models• Joint optimization of dialogue policy and dialogue state tracker |
| JULY 2017–SEPT. 2017 | NLP Group, University of Notre Dame
<i>Research Intern, Supervised by Prof. David Chiang</i> <ul style="list-style-type: none">• Design auxiliary loss to encourage character-level neural language model to predict beyond the next token |

PUBLICATIONS

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| 2020 | Xiang Zhou and Mohit Bansal. <i>Towards Robustifying NLI Models Against Lexical Dataset Biases</i> . 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. <i>Rule-Guided Safe and Efficient On-line Dialogue Policy Learning</i> . 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. <i>Affordable On-line Dialogue Policy Learning</i> . 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. <i>On-line Dialogue Policy Learning with Companion Teaching</i> . In Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2017) |

ACADEMIC ACTIVITIES

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| SEPT. 2017–JULY. 2018 | Co-translator of the Chinese translation of <i>Reinforcement Learning: An Introduction</i> |
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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