

Jifan Chen

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Education

University of Texas at Austin Ph.D. in Computer Science Advisor: Greg Durrett , Eunsol Choi Dissertation: Building Robust and Modular Question Answering Systems	AUSTIN, TEXAS, US 2017 – 2023
Fudan University MSc in Computer Science Advisor: XuanJing Huang Research Topics: <ul style="list-style-type: none">• Implicit Discourse Relation Detection on PDTB• Learning Word Embedding Using both Intrinsic and Extrinsic Information	SHANGHAI, CHINA 2014 – 2017
Fudan University BSc in Computer Science	SHANGHAI, CHINA 2010 – 2014

Industry Experience

AWS AI LAB Applied Scientist Projects: <ul style="list-style-type: none">• Build robust and reliable retrieval augmented generation system (RAG).• Work on the alignment part of the Amazon Titan model.	SANTA CLARA, US 2023.6 – Present
AWS AI LAB Applied Scientist Intern Mentor: Yuhao Zhang , Lan Liu Research Topics: <ul style="list-style-type: none">• Improving Cross-task Generalization of Unified Table-to-text Models with Compositional Task Configurations	SANTA CLARA, US 2022.5 – 2022.09
Google Language Research Intern & Student Researcher Mentor: Daniel Andor , Livio Baldini Soares Research Topics: <ul style="list-style-type: none">• Robust question answering by incorporating linguistic explanations	NEW YORK, US 2020.5 – 2020.11

Publications

Manya Wadhwa, **Jifan Chen**, Jessy Li, Greg Durrett. Using Natural Language Explanations to Rescale Human Judgments. Arxiv Preprint 2023-11

Jifan Chen, Grace Kim, Aniruddh Sriram, Greg Durrett, Eunsol Choi. Complex Claim Verification with Evidence Retrieved in the Wild. Arxiv Preprint 2023-04

Jifan Chen Building Robust and Modular Question Answering Systems. Ph.D. Dissertation. 2023-05

Jifan Chen, Yuhao Zhang, Lan Liu, Rui Dong, Xinchu Chen, Patrick Ng, William Yang Wang, Zhiheng Huang. Improving Cross-task Generalization of Unified Table-to-text Models with Compositional Task Configurations. Findings of ACL 2023.

Venelin Kovatchev, Trina Chatterjee, Venkata S Govindarajan, **Jifan Chen**, Eunsol Choi, Gabriella Chronis, Anubrata Das, Katrin Erk, Matthew Lease, Junyi Jessy Li, Yating Wu, Kyle Mahowald. Longhorns at DADC 2022: How many linguists does it take to fool a Question Answering model? A systematic approach to adversarial attacks. DADC workshop at EMNLP 2022

Jifan Chen, Aniruddh Sriram, Eunsol Choi, Greg Durrett. Generating Literal and Implied Subquestions to Fact-check Complex Claims. EMNLP 2022.

Jifan Chen, Eunsol Choi, Greg Durrett. Can NLI Models Verify QA Systems' Predictions? Findings of EMNLP 2021.

Greg Durrett, **Jifan Chen**, Shrey Desai, Tanya Goyal, Lucas Kabela, Yasumasa Onoe, Jiacheng Xu. Contemporary NLP Modeling in Six Comprehensive Programming Assignments. Proceedings of the Fifth Workshop on Teaching NLP.

Jifan Chen, Greg Durrett. Robust Question Answering via Sub-part Alignment. NAACL 2021.

Jifan Chen, Shih-ting Lin, Greg Durrett. Multi-hop Question Answering via Reasoning Chains. arXiv 2019.

Jifan Chen, Greg Durrett. Understanding dataset design choices for multi-hop reasoning. In NAACL 2019.

Jifan Chen, Greg Durrett. How to learn (and how not to learn) multi-hop reasoning with memory networks. Open Review 2019

Jifan Chen, Qi Zhang, Pengfei Liu, Xipeng Qiu and Xuanjing Huang. Implicit Discourse Relation Detection via a Deep Architecture with Gated Relevance Network. In ACL 2016. (Oral)

Jifan Chen, Qi Zhang, Pengfei Liu, Xuanjing Huang. Discourse Relations Detection via a Mixed Generative-Discriminative Framework. In Proceedings of AAAI 2016 Conference (AAAI 2016).

Jifan Chen, Kan Chen, Xipeng Qiu, Qi Zhang, Xuanjing Huang, Zheng Zhang. Learning Word Embeddings from Intrinsic and Extrinsic Views. ArXiv preprint arXiv:1608.05852 (2016)

Jifan Chen, Qi Zhang, and Xuanjing Huang. Incorporate Group Information to Enhance Network Embedding. In CIKM 2016. (short paper)

Pengfei Liu, Xipeng Qiu, **Jifan Chen** and Xuanjing Huang. Deep Fusion LSTMs for Text Semantic Matching. In ACL 2016.

Pengfei Liu, Xipeng Qiu, Yaqian Zhou, **Jifan Chen** and Xuanjing Huang. Modelling Interaction of Sentence Pair with Coupled-LSTMs. In EMNLP 2016

Adwards

National Scholarship for outstanding student at Fudan University	2016.10
Outstanding Graduate of Shanghai City	2014.06
Tung OOCL First Class Scholarship for outstanding student at Fudan University	2013.11
Championship of iShamrock Software Competition held by Fudan and University College Dublin	2013.02
Outstanding Student of Fudan University	2011.10

Academic Service

Reviewer of ACL Rolling Review 21-09, 21-10, 21-11, 22-01, 22-02, 22-12, 23-02

Reviewer of NeurIPS 2021, 2022, 2023

Reviewer of AKBC 2021, 2022

Reviewer of ICLR 2020, 2021, 2022, 2023

Reviewer of ACL-IJCNLP 2021, 2022, 2023

Reviewer of EMNLP 2021, 2022

Reviewer of NLPCC 2021

Reviewer of SRW workshop ACL-IJCNLP 2021, 2022

Reviewer of SRW workshop NAACL 2019, 2021

Reviewer of SRW workshop AACL-IJCNLP 2020

Reviewer of DeepLo workshop EMNLP 2019

Volunteer of *ACL* 2015 hold at Beijing

Volunteer of *WSDM* 2015 hold at Shanghai

Program committee member of the Workshop on Machine Reading for Question Answering at EMNLP 2021

The Masters Admissions Committee member of UT Austin Computer Science Department 2020

Teaching Experience

TA, C++ Programming Language, Fudan University, Spring 2016

TA, Natural Language Processing, CS388, UT Austin, Fall 2018, Fall 2021