

JIACHENG XU

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(a) Education

The University of Texas at Austin	Computer Science	Doctorate Program , 2017 – present
Fudan University	Computer Science	B.E. <i>summa cum laude</i> , 2013 – 2017

(b) Research & Industry Experience

The University of Texas at Austin Austin, TX

Graduate research assistant at [TAUR Lab](#)

Advisor: [Greg Durrett](#), August 2017 – present

Thesis Committee: Greg Durrett, Ray Mooney, Junyi Li, Kyunghyun Cho (NYU)

Google New York, NY

Researcher intern at Google Assistant, working on disfluency detection

Mentor: Shyam Upadhyay, Manaal Faruqui & Diyi Yang, May – August 2020

Microsoft Bellevue, WA

Researcher intern at Microsoft Dynamics 365 AI Research, working on text summarization

Mentor: Zhe Gan, Yu Cheng & Jingjing Liu, June – August 2019

Fudan University Shanghai, China

Undergraduate research assistant at [FudanNLP](#)

Thesis: *Long Text Encoding via Recurrent Neural Networks*

Advisor: [Xipeng Qiu](#) & Xuanjing Huang, June 2015 – February 2017

(c) Publications

Text Summarization

1. Jiacheng Xu and Greg Durrett, Dissecting generation modes for abstractive summarization models via ablation and attribution, in *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (Volume 1: Long Papers)* (Association for Computational Linguistics, Online, 2021) pp. 6925–6940.
2. Jiacheng Xu, Shrey Desai, and Greg Durrett, Understanding neural abstractive summarization models via uncertainty, in *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP)* (Association for Computational Linguistics, Online, 2020) pp. 6275–6281.
3. Shrey Desai, Jiacheng Xu, and Greg Durrett, Compressive summarization with plausibility and salience modeling, in *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP)* (Association for Computational Linguistics, Online, 2020) pp. 6259–6274.
4. Jiacheng Xu, Zhe Gan, Yu Cheng, and Jingjing Liu, Discourse-aware neural extractive text summarization, in *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics* (Association for Computational Linguistics, Online, 2020) pp. 5021–5031.

5. Jiacheng Xu and Greg Durrett, Neural extractive text summarization with syntactic compression, in *Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP-IJCNLP)* (Association for Computational Linguistics, Hong Kong, China, 2019) pp. 3292–3303.

Other Publications

5. Jiacheng Xu and Greg Durrett, Spherical latent spaces for stable variational autoencoders, in *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing* (Association for Computational Linguistics, Brussels, Belgium, 2018) pp. 4503–4513.
6. Jiacheng Xu, Xipeng Qiu, Kan Chen, and Xuanjing Huang, Knowledge graph representation with jointly structural and textual encoding, in *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence, IJCAI-17* (2017) pp. 1318–1324.
7. Jiacheng Xu, Danlu Chen, Xipeng Qiu, and Xuanjing Huang, Cached long short-term memory neural networks for document-level sentiment classification, in *Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing* (Association for Computational Linguistics, Austin, Texas, 2016) pp. 1660–1669.
8. Aditya Gupta, Jiacheng Xu, Shyam Upadhyay, Diyi Yang, and Manaal Faruqui, Disfl-QA: A benchmark dataset for understanding disfluencies in question answering, in *Findings of the Association for Computational Linguistics: ACL-IJCNLP 2021* (Association for Computational Linguistics, Online, 2021) pp. 3309–3319.
9. Greg Durrett, Jifan Chen, Shrey Desai, Tanya Goyal, Lucas Kabel, Yasumasa Onoe, and Jiacheng Xu, Contemporary NLP modeling in six comprehensive programming assignments, in *Proceedings of the Fifth Workshop on Teaching NLP* (Association for Computational Linguistics, Online, 2021) pp. 99–103.
10. Jinyue Su, Jiacheng Xu, Xipeng Qiu, and Xuanjing Huang, Incorporating discriminator in sentence generation: a gibbs sampling method, in *Proceedings of the Thirty-Second AAAI Conference on Artificial Intelligence* (2018).

(d) Awards

1. Outstanding reviewer for ACL-2021, 2021
2. 2021 Global Top 100 Chinese Rising Stars in AI (25 NLP recipients worldwide, 0.2%), Baidu Scholar & Baidu Talent Intelligence Center, 2021
3. Travel grant for Amazon’s Graduate Research Symposium, 2019
4. Outstanding undergraduate thesis award (1 per department), Fudan University, 2017
5. EMC Research Scholarship, EMC Lab (China), 2016

(e) Professional Service

1. Conference Program Committee member (reviewer): AAAI (2020, 2021, 2022), NeurIPS (2020, 2021), ICML(2021), ICLR (2021), ACL (2020, 2021), EMNLP (2021), COLING (2020), CoNLL (2020), NAACL-HLT (2019, 2021), CCL (2020)
2. Conference Program Committee member (chair): Publication chair of Diversity & Inclusion (D&I) Committee, NAACL-HLT 2022
3. Conference Workshop Program Committee member (reviewer): DeepLo (EMNLP 2019 Workshop), SRW (NAACL-HLT 2019 Workshop), NUSE (ACL 2020 Workshop), SRW

- (ACL-IJCNLP 2021 Workshop), NeuSum (EMNLP 2021 Workshop)
4. Journal Reviewer: Journal of Artificial Intelligence Research (JAIR) (2020, 2021), Computational Linguistics (CL) (2020), ACM Transactions on Asian and Low-Resource Language Information Processing (2020)

(f) Departmental Service

1. Member of PhD Junior Admissions Committee, UT Austin, 2020 – 2021
2. Mentor of Graduate Application Assistance Program, UT Austin, 2020 – 2021
3. Member of Masters Admissions Committee, UT Austin, 2018 – 2019, 2019 – 2020

(g) Teaching Experience

Teaching Assistant CS378: Natural Language Processing (undergraduate), UT Austin, January 2019 – May 2019

(h) Mentoring Experience

1. Ojas Ahuja (2020 – present, undergraduate at UT Austin)
2. Shrey Desai (2019 – 2020, undergraduate at UT Austin, now at Facebook)
3. Akshay Gupta (2019 – 2020, undergraduate at UT Austin, now at Plaid)