

Liyan Tang

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EDUCATION

The University of Texas at Austin, Austin, TX Expected May 2026

Ph.D. in Information Studies

Advisors: Justin Rousseau F, Ying Ding

Close Collaborators: Greg Durrett, Yifan Peng

The University of Texas at Austin, Austin, TX Expected May 2023

M.S. in Computer Science

The University of Texas at Austin, Austin, TX May 2021

B.S. in Mathematics

RESEARCH WORKS

Under Review

1. **Liyan Tang**, Tanya Goyal, Alexander R. Fabbri, Philippe Laban, Jiacheng Xu, Semih Yavuz, Wojciech Kryściński, Justin F. Rousseau, Greg Durrett, “Understanding Factual Errors in Summarization: Errors, Summarizers, Datasets, Error Detectors”, under review of EMNLP 2023.
2. **Liyan Tang**, Dhruv Rajan, Abhijeet Pradhan, R. Nick Bryan, Greg Durrett, “Making Document-Level Information Extraction Right for the Right Reasons”, under review of EMNLP 2023.

Publications

3. Song Wang, **Liyan Tang**, Akash Majety, Justin F. Rousseau, George Shih, Ying Ding, Yifan Peng. “Trustworthy Assertion Classification through Prompting”, in Journal of Biomedical Informatics, 2022.
4. **Liyan Tang**, Shravan Kooragayalu, Yanshan Wang, Ying Ding, Greg Durrett, Justin F. Rousseau, Yifan Peng. “EchoGen: Generating Conclusions from Echocardiogram Notes”, in Proceedings of the 21st Workshop on Biomedical Language Processing (BioNLP) at ACL, 2022.
5. Song Wang, **Liyan Tang**, Mingquan Lin, George Shih, Ying Ding, Yifan Peng, “Prior Knowledge Enhances Radiology Report Generation”, in Proceedings of American Medical Informatics Association (AMIA) Informatics Summit, 2022.
6. Ajay Jaiswal, **Liyan Tang**, Meheli Ghosh, Justin Rousseau, Yifan Peng, and Ying Ding. “RadBERT-CL: Factually-Aware Contrastive Learning For Radiology Report Classification”, in Proceedings of Machine Learning for Health, 2021.
7. Yan Han, Chongyan Chen, **Liyan Tang**, Ajay Jaiswal, Mingquan Lin, Yifan Peng, Ying Ding. “Using Radiomics as Prior Knowledge for Thorax Disease Classification and Localization in Chest X-rays”, in Proceedings of American Medical Informatics Association Annual Symposium (AMIA) Annual Symposium, 2021.

RESEARCH EXPERIENCE

University of Texas at Austin September 2021 – August 2023

Graduate Research Assistant at [AI Health Lab](#)

Advisor: Justin Rousseau F

UT Health Science Center at Houston

May – August 2022

Graduate Research Assistant, working on report summarization

Advisor: Guo-Qiang Zhang

University of Texas at Austin

September 2020 – May 2021

Undergraduate Research Assistant at [TAUR Lab](#)

Advisor: Greg Durrett

PROFESSIONAL SERVICE

Conference Program Committee member (reviewer): EMNLP 2023, AAAI 2023

SKILLS

Programming languages: Python, R, C/C++, Java

Deep Learning Platform: PyTorch