

Fengjiao Tu

PhD student majoring in Information Science with a concentration in Data Science

Lab Manager, [Intelligent Data Engineering and Analytics \(IDEA\) Lab](#)

Department of Information Science, University of North Texas

3940 North Elm, Denton, 76203, Texas, USA

fengjiaotu@my.unt.edu

EDUCATION

- PhD. Majored in Information Science (2023-)
University of North Texas, USA
- M.A. Majored in Education Technology (2020-2023)
Central China Normal University, China
- B.A. Majored in Education Technology (2016-2020)
Hunan University of Science and Engineering, China

JOURNAL PUBLICATIONS

- [J6] Shu, F., Liu, Q., Wang, Q., **Tu, F.**, Li, H., & Zhao, C. (2024). Examining Factors Influencing Online Adult Learners' Satisfaction with Blended Synchronous Learning. *Education and Information Technologies*, 1-24.
- [J5] **Tu, F.**, Wu, L., Kinshuk, Ding, J., & Chen, H. (2024). Exploring the influence of regulated learning processes on learners' prestige in project-based learning. *Education and Information Technologies*, 1-31.
- [J4] Wu, L., **Tu, F.**, Ma, X., GAO Yu, & Liu, Q. (2023). Online Collaborative Conversation Analysis from the Perspective of Artificial Intelligence: Conceptual Model and its Application, *E-education Research* (01),70-76+99.
- [J3] Liu, Q., Yin, X., Wu, L., **Tu, F.** & Chen, L. (2023). Construction of Intelligent Application Service System for Ethnic Instrumental Music Culture under the Perspective of Digital Preservation and Heritage, *Library Journal*.
- [J2] Gao, Y., Wu, L., Wang, L., Liu, Q., & **Tu, F.** (2022). Mining and Trajectory Analysis of Learners' Self-regulated Learning Patterns in Collaborative Learning, *E-education Research* (07),89-96+105.
- [J1] Wu, L., Gao, Y., **Tu, F.**, WANG J., & Liu, Q. (2022). Research on Automatic Analysis Model of Learning Engagement in Online Collaborative Conversation Based on Semantics and Its Application, *E-education Research* (03),77-84.

CONFERENCE PRESENTATIONS

- [C3] Zhou, Y., **Tu, F.**, Sha, K., Ding, J., & Chen, H. (2024). A Survey on Data Quality Dimensions and Tools for Machine Learning. *arXiv preprint, arXiv:2406.19614*.
- [C2] Wu, L., **Tu, F.**, Liu, Q., Ma, X., Jia, X., & Gao, Y. (2022). A Review of Intelligent Application of Educational Knowledge Graph from the Perspective of Artificial Intelligence. *2022 International Symposium on Educational Technology (ISET)* (pp. 195-199). IEEE.
- [C1] Liu, Q., Jia, X., Yang, W., **Tu, F.**, & Wu, L. (2021). Research on entity relation extraction based on BiLSTM-CRF classical probability word problems. *In Proceedings of the 13th International Conference on Education Technology and Computers* (pp. 62-68). ACM.

BOOKS, BOOK CHAPTERS

- [B1] Chen, H., Sha, K., Zhou, Y., & Tu, F. (2024). Data quality: Models, measures, and tools. In *Springer handbook of data engineering* (in press). Springer.

TEACHING PRACTICE

Teaching Assistant, University of North Texas

INFO 5731: Computational Methods for Information Systems (Fall 2024, Spring 2025)

INFO 5745/4745 Information Architecture (Spring 2025)

Computational Linguistics Coding Camp (Summer 2024)

Data and Technology Summer Camps (Summer 2024)

NextGen DATA Leadership Camp (Summer 2024)

Teaching Assistant, Central China Normal University

Modern Educational Technology (Spring 2022)

Educational Information Processing (Fall 2021)

Research Assistant, University of North Texas (Fall 2023, Spring 2024)

HONORS AND AWARDS

2024. \$1,000.00 Graduate Student Research Award for the 2024/2025 academic year

2023. The Lis and Philip Turner Outstanding Student Paper/Project Award for papers and projects.

2022. The Second Prize Scholarship, Excellent Student Cadre, Excellence Scholarship award.

2021. The Second Prize Scholarship, Excellent Student Cadre, Excellent graduate student.

2020. National Encouragement Scholarship, Outstanding Graduates of Hunan Province, Merit Student.

2019. National Encouragement Scholarship, Merit Student, Outstanding Volunteer.

2018. National Scholarship of China, Merit Student, Outstanding Volunteer.

Professional Service

Journal reviewer

2024-Present. Computer Standards & Interfaces

2024-Present. Data Intelligence

2024-Present. The Electronic Library

2024-Present. Karbala International Journal of Modern Science

2024-Present. Journal of American College Health

2024-Present. the Information Discovery and Delivery

2023-Present. Education and Information Technologies

2023-Present. Journal of Information and Knowledge Management