

Jianjun Xiao

To know what you know and to admit what you do not know—this is true wisdom.



Education

Beijing Normal University PhD in Internet Education Sept. 2023 - Present

Beijing Normal University

Master's in Educational Technology Sept. 2020 - Jun. 2023

Linyi University

Bachelor's in Educational Technology Sept. 2014 - Jun. 2018

Experience

iFLYTEK CO.LTD. Student of iFLYTEK Spark Training Camp (Team Leader) **Aug. 2023**

Beijing Normal University Research Center of Distance Education Research Assistant and R&D Engineer Jan. 2019 - Aug. 2020

Selected Awards (③ = Team Leader)

Second-class Award for Academic Innovation for Postgraduate Students Beijing Normal University, Beijing, China 2025

Young Scholar Award Kansai University, Osaka, Japan 2024

Second-class competition scholarship

Beijing Normal University, Beijing, China 2024

First-class scholarship Beijing Normal University, Beijing, China 2021, 2023, 2024

Second Class Innovation and

Entrepreneurship Scholarship Linyi University, Shandong, China 2017

Update

Jun. 2025

Summary

I'm Xiao Jianjun, a PhD candidate in Internet Education at the Beijing Normal University Research Center of Distance Education, under the supervision of Professor Chen Li. My research interests include Online Learning Environments, Learning Analytics, and AI in Education, with a focus on integrating education and technology.

Since 2019, I have been responsible for the design and development of the cMOOC platform, leading the functional design and iteration based on WordPress and the WeChat ecosystem. In the fields of Learning Analytics and AI in Education, I have led and participated in multiple research and open-source projects, published several high-quality academic papers, and developed a solid research background in the educational applications of Complex Network Modelling, NLP, and explainable AI. I have frequently participated in academic presentations and have been invited to serve as a member of the editorial board or a reviewer for several international academic journals.

Projects (**©** = Recipient)

Research on Automatic Assessment and Improvement Path of cMOOC Learners'	2023 - 2024
nteraction Level Based on Dual Networks Project of Interdisciplinary Research Foundation for Doctoral Candidates of Beijing	
Normal University (Grant No. BNUXKJC2305).	
Research on Educational Reform and Innovative Management in the Era of "Internet	2019 - 2023
Key Project of the Department of Management of the National Natural Science	
Foundation of China (Grant No. 71834002).	
Social-Behavioural-Cognitive-Emotional Based Analysis and Intervention Study of Duline Collaborative Role Interaction	2022 - 2025
National Natural Science Foundation of China (NSFC) 2022 Young Science Fund Projec Grant No. 62207003).	t
elected Publications († = Corresponding author)	

Tian, Y., & **Xiao, J.** *†* (2025). The Measurement and Characteristic Analysis of Learner Interaction Levels in cMOOCs Based on Path Analysis. *Interactive Learning Environments* (SSCI Q1)

Wang, C., & **Xiao, J.** *†* (2023). Who will participate in online collaborative problem solving? A longitudinal network analysis. *Interactive Learning Environments* (SSCI Q1)

Bai, Y.-Q., & Xiao, J.-J. (2021). The impact of cMOOC learners' interaction on content production. *Interactive Learning Environments* (SSCI Q1)

AI in Education: Interpretable Role Recognition Model; Human-AI Collaboration

Wang, C., & Xiao, J. † (2025) A Role Recognition Model Based on Students' Social-Behavioral-Cognitive-Emotional Attributes during Collaborative Learning. *Interactive Learning Environments* (SSCI Q1)

Xiao, J. (2024). Automatic Assessment of Social and Cognitive Presence to Promote Meaningful Collaboration between cMOOC Learners and GPT-Driven Agents. *The Asian Students' Seminar & Round Table 2024. Kansai University, Osaka, Japan.* (Young Scholar Award)

Kong X., Fang H., Chen W., **Xiao, J.**, & Zhang M. (2025). Examining Human-AI Collaboration in Hybrid Intelligence Learning Environments: Insight from the Synergy Degree Model. *Humanities and Social Sciences Communications* (SSCI Q1)

Online Learning Environments: Course Design

Xu Y.-Q., Chen L., **Xiao J.** (2022). Strategies for designing connectivist online courses: building on five design iterations of a cMOOC. *Chinese Journal of Distance Education* (In Chinese, CSSCI)

Wang D., Zhang Y., **Xiao J.**, Wang X., Xu Y. (2022). The Learning Path and Learners' Development in Connectivism. *Journal of Open Learning* (In Chinese)

Open-source Software

Discourse Analysis Based on Large Language Models and Computational Linguistics

Xiao J. (2025). etShaw-zh/gca_analyzer: GCA Analyzer: Group Conversation Analysis Tool (v0.4.3). [Computer software]. Zenodo. (As of Jun. 2025, downloads: 3K+)

Educational Text Classification Based on Large Language Models

Xiao, J. (2024). AICO: An artificial intelligence text-coding officer with integrated classifiers (Version v1.0.4) [Computer software]. Zenodo.

Volunteering		
Contemporary Education and Teaching Research Editorial Board Member	2025 - Present	
The Journal of Open Source Software Reviewer	2025 - Present	
Information, Communication & Society (SSCI Q1; SCI Q1) Reviewer	2024 - Present	
Interactive Learning Environments (SSCI Q1) Reviewer	2021 - Present	