

Lan Sang

Ph.D. Candidate in Information System
Leeds School of Business
University of Colorado Boulder

lan.sang@colorado.edu
<https://www.linkedin.com/in/lan-sang/>

Education

University of Colorado Boulder Ph.D., Information Systems	Boulder, CO, United States <i>May. 2026 (Expected)</i>
University of Colorado Boulder M.S. in Computational Linguistics	Boulder, CO, United States <i>May. 2020</i>
Nanjing Normal University Bachelor of Business Administration & B.A. in French	Nanjing, China <i>Jun. 2018</i>

Research Interests

Natural Language Processing, IS Healthcare, Social Media Analysis, Ontology Development, Survey Measurement

Teaching Interests

Natural Language Processing, Python Programming, Data Analytics, Business Analytics.

Research Experience

Research Assistant <i>Leeds School of Business, University of Colorado Boulder</i>	Boulder, CO, United State <i>Aug. 2021-Present</i>
Research Assistant <i>Computational Language and Education Research Center, CU Boulder</i>	Boulder, CO, United State <i>May. 2019-Jan. 2021</i>

Professional Experience

NLP Research Intern <i>Natural Language Understanding Team, Nuance Communications, INC</i>	Boulder, CO, United State <i>Jun. 2019-Aug. 2019</i>
--	---

Working Papers

Public Sentiment Towards Solar Energy in the United States: 2013-2022

- Serena Kim, Crystal Soderman, **Lan Sang**
- Under Review at Journal of Computational Social Science

The ITEM Ontology: The Anatomy of Indicators

- Kai Larsen, Roland Muller, Dario Bonaretti, Jim Burleson, JC Pillet, Diana Fischer, Nimisha Singh, **Lan Sang**, Drew Zhang
- Major Revision from Information System Research

Synthetic Construct Validation: A Transformational Solution

- Kai Larsen, **Lan Sang**, Fairy Gandhi
- Evaluation in progress

Information Quality Assessment of Health News

- **Lan Sang**, David Dobolyi
- Model development in progress

Peer-Reviewed Conference Proceedings

- Sarah Beemer, Zak Boston, April Bukoski, Daniel Chen, **Lan Sang**, Mans Hulden et al (2020), “Linguist vs. Machine: Rapid Development of Finite-State Morphological Grammars.” *In Proceedings of 17th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*, Pages 162 – 170, Association for Computational Linguistics

Teaching Experience

Teaching Assistant, BAIM 3200 Business Analytics

Leeds School of Business, University of Colorado Boulder

Boulder, CO, United States

Aug. 2021-Dec. 2021

Instructor, BAIM 3200 Business Analytics

Leeds School of Business, University of Colorado Boulder

Boulder, CO, United States

Jan. 2022-May. 2022

- Alteryx for business analytics, machine learning models
- Deemed teaching proficiency by the department

Conferences, Seminars and Consortia

Assessing Public Sentiment on AI-Generated Art Across the United States Using Deep Learning

- The 84th Annual Meeting of the Academy of Management (AOM), Aug. 2024, Chicago, IL

Synthetic Construct Validation: A Transformational Solution

- The 32nd European Conference on Information Systems (ECIS), Jun. 2024, Paphos, Cyprus
- Range IS Research Seminar, Apr. 2024, Denver, CO

Improving Understanding of Survey Items’ Meanings with Ontology

- Front Range IS Research Seminar, Oct. 2021, Fort Collins, CO
- 16th International Conference on Design Science Research in Information Systems and Technology (DESRIST), Aug. 2021, Virtually

Service

Reviewer for Academy of Management Annual Conference (AOM): Year: 2024; Divisions: CTO, TIM

Reviewer for European Conference on Information Systems (ECIS): Year: 2024

Reviewer for The International Conference on Information Systems (ICIS): Year: 2024

Reviewer for Hawaii International Conference on System Sciences (HICSS): Year: 2025

Skills

Programming: Python | R | Java | SQL | JavaScript

Languages: English (Fluent) | Mandarin (Native) | French (Fluent)

Professional Memberships

AIS, AOM, INFORM