Yanheng (Christopher) Li

(+86) 158-6046-4877 | chrislee1067@outlook.com | 2022201067@ruc.edu.cn |
https://chrisleeyh.github.io/

RESEARCH INTERESTS

Substantive: Computer-Mediated Communication, Misinformation, Social Media.
Methodological: Human Computer Interaction, Large Language Model, Multi-modal Data.

EDUCATION

- **Renmin University of China**   *2022.09 – 2026.06 (expected)*
  LL.B. in Philosophy, Politics and Economics (PPE)   Beijing, China
  ○ GPA: 3.80/4.00, Rank: 3/29.

- **Luiss Guido Carli**   *2024.09 – 2025.02*
  Erasmus Exchange Student in Data Science   Rome, Italy

PEER-REVIEWED PUBLICATIONS

[1] **Li, Yanheng**., Wang, Da., & Wang, Yuping. (2025). *Understanding Voter Fraud Misinformation Videos during the 2024 Taiwan Election on YouTube*. Accepted and forthcoming in CSCW 2025. [Link]

[2] Li, Jiatao., **Li, Yanheng**., Hu, Xinyu., Gao, Mingqi., & Wan, Xiaojun. (2025). *Aspect-Guided Multi-Level Perturbation Analysis of Large Language Models in Automated Peer Review*. arXiv preprint arXiv:2502.12510. Accepted and forthcoming in CIKM 2025.

UNDER REVIEW WORKING PAPERS

[1] **Li, Yanheng**., Wang, Da., & Wang, Yuping. (2025). *Understanding Participatory Amplification on YouTube in the Late December 2024 U.S. Government (Almost) Shutdown Crisis*. Under Review.

[2] Li, Jiatao., **Li Yanheng**., & Wan, Xiaojun. (2025). *Analyzing Cognitive Differences Among Large Language Models through the Lens of Social Worldview*. arXiv preprint arXiv:2505.01967. Under Review.

SELECTED RESEARCH EXPERIENCE

- **Research Assistant in Computational Communication**
  Northwestern University (Evanston), Supervisor: Yingdan Lu.   2025.02 – Present
  ○ **Project 1: LLM assists Visual Analysis in Social Science Research.**
    * Designed and ran experiments using LLaVA over 10 large image datasets (10k+ media images).
    * Evaluated model performance and error patterns.
    * Conducted a literature review on visual concept recognition by LLMs to inform benchmarking.
  ○ **Project 2: Analyzing Rednote TikTok-Refugees Posts During TikTok Ban.** (co-supervised by Lizhi Liu)
    * Processed and analyzed 80k+ large text posts from RedNote.
    * Built multi-run LLM-based text analysis pipelines with instruction tuning to optimize performance.
    * Executed topic, sentiment, and toxicity analysis.
    * (ongoing) Validate the consistency and robustness of related findings.

- **Research Assistant in Social Media + HCI**
  Renmin University of China, Supervisor: Yuping Wang.   2024.06 – Present
  ○ **Project 1: Understanding Voter Fraud Misinformation on YouTube.**
    * Collected and processed video, audio, and metadata from 5k+ YouTube uploads.
    * Built and processed the human-in-the-loop pipeline for data processing and multi-modal analysis.
    * Framed, wrote and revised the research paper accepted at CSCW 2025.
  ○ **Project 2: Understanding Participatory Amplification on YouTube.**

* Built a multi-phase YouTube data collection pipeline and collected completed data of 70k+ YouTube uploads.
  * Built and processed workflows on the sequential and multi-run human-in-the-loop YouTube video analysis.
  * Analyzed 460k+ comments data and discussion structure on YouTube.
  * Framed and wrote the research paper.

• **Genealogy Data Analysis**
  Renmin University of China   2024.05 – 2024.09
  ◦ Built a clean and structured Chinese Genealogy database.

• **Exploring Weibo Public Opinion**
  Renmin University of China   2023.10 – 2024.04
  ◦ Collected large text data on 90k+ Weibo posts during the Israel-Palestine conflict.
  ◦ Analyzed Weibo data using mixed methods, e.g., bert_topic modeling, regression analysis.

• **Collaborative Research in LLM Understanding and Applications**
  Renmin University of China and Peking University   2024.11 – Present
  ◦ **Automated Peer Review with LLMs**

  * Co-developed aspect-guided multi-level perturbation analysis.
  * Co-analyzed robustness of large language models in reviewer tasks
  * Framed and co-wrote the paper accepted at CIKM 2025.
  ◦ **Cognitive Differences Among LLMs**

  * Co-designed the comparative study of social worldviews encoded by models
  * Co-authored manuscript under review.

SELECTED AWARDS AND HONORS

◦ **ICBC Innovation Scholarship with "Innovation Star" Designation**   2025.04
8,000 CNY, **Top 10/11,000+** in Renmin University of China.

◦ **Principal's Scholarship for Excellent Exchange Student**   2024.10
30,000 CNY, Renmin University of China.

◦ **Student Academic Award**   2024.09
5,000 CNY, **Top 2%** in Renmin University of China.

◦ **Outstanding Cultural and Sports Leaders Scholarship**   2024.06
600 CNY, Renmin University of China.

◦ **COMAP Scholarship Award** [Link]   2024.05
10,000 USD, Outstanding Winner **(Top 3/22,000+)** of Interdisciplinary Contest in Modeling.

◦ **First Prize in RUC Innovation Cup**   2024.05
Top 10% in 26th Academic Work Competition, Renmin University of China.

◦ **Student Academic Award**   2023.09
3,000 CNY, Top 15% in Renmin University of China.

◦ **Social Volunteering and Service Scholarship**   2023.09
600 CNY, Renmin University of China.

SELECTED GRANTS

◦ **Student Research Grant**   2025.03
3,000 CNY, School of Communication, Renmin University of China.

◦ **Student Research Grant**   2024.09
1,000 CNY, School of Economics, Renmin University of China.

◦ **International Organization Talent Program Grant**   2024.01
10,000 CNY, School of Global Governance, Renmin University of China.

CONFERENCES AND TALKS

◦ (Scheduled) The 28th ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing (CSCW), Bergen, Norway, 2025.10

◦ (Scheduled) The 34th ACM International Conference on Information and Knowledge Management (CIKM), Seoul, Korea, 2025.11

◦ Annual Conference of the Academic Community of Political Science and International Relations (presenting on Future Scholars Academic Poster Showcase), Beijing, China, 2024.07

ACADEMIC SERVICES

◦ Paper Committee (Reviewer) for: *The 40th Annual AAAI Conference on Artificial Intelligence* (AAAI 2026).

◦ Student Fellow for *Center of Data Science* in Renmin University of China.

SKILLS

◦ **Languages:** Mandarin. Taiwanese Hokkien. English (TOEFL:112; Listening:29, Reading:27, Writing:27, Speaking:29). French, basic. Italian, basic.

◦ **Programming:** R, Python(*NLP, Multi-modal Analysis, Web Spider, Fine Tuning*), Stata, LaTeX, Gephi, SQL.

REFERENCES

Yuping Wang
Assistant Professor, School of Journalism and Communication
Renmin University of China, Beijing, China
Email: yupingw@ruc.edu.cn
Relationship: Research Supervisor

Lizhi Liu
Assistant Professor, McDonough School of Business
Georgetown University, Washington, D.C, United States
Email: Lizhi.Liu@georgetown.edu
Relationship: Research co-Supervisor

Yingdan Lu
Assistant Professor, School of Communication
Northwestern University, Evanston, United States
Email: yingdan@northwestern.edu
Relationship: Research Supervisor

Yang Zhang
Assistant Professor, School of International Studies
Renmin University of China, Beijing, China
Email: zhang-yang@ruc.edu.cn
Relationship: Thesis Supervisor