

Lexin Zhou

🌐 Homepage: <https://lexzhou.github.io/> | 📧 Newsletter: [The AI Evaluation Substack](#) | ✉ Email: lexinzhou@gmail.com

Education

Princeton University

PhD in Computer Science

- Advisor: [Peter Henderson](#)

Princeton, US

2025 – Present

University of Cambridge

MPhil of Advanced Computer Science (Track: AI and ML)

- GPA: 4.0/4.0 (Distinction)
- Advisor: [Andreas Vlachos](#)
- Funded by: Open Philanthropy

Cambridge, UK

2023 – 2024

Universidad Politécnica de Valencia

Bachelor of Science, Data Science

- GPA: 3.93/4.0 (Rank: 1/75)
 - Advisor: [Jose Hernandez-Orallo](#)
- Funded by: The Government of Spain

Valencia, Spain

2019 – 2023

Selected Publications

Ability-Oriented Evaluation Makes Data Contamination in LLMs Reliably Detectable

Zhengyu Hu*, Peter Henderson, Jose Hernandez-Orallo, **Lexin Zhou*** [lead author]

In submission to ICML, 2025.

Measuring the Evolution of Human-AI Operating Surface during the First Wave of LLM Adoption

Lexin Zhou, Katherine M. Collins, Qinlin Zhao, Ilia Sucholutsky, Haotian Li, Peter Henderson, Xing Xie, Manuel Cebrian, Jose Hernandez-Orallo

Submitted to Nature Machine Intelligence, 2025. Preprint to be out soon.

General Scales Unlock AI Evaluation with Explanatory and Predictive Power

Lexin Zhou, Lorenzo Pacchiardi, Fernando Martínez-Plumed, Katherine M. Collins, [...], David Stillwell, Manuel Cebrian, Jindong Wang, Peter Henderson, Sherry Tongshuang Wu, Patrick C. Kyllonen, Lucy Cheke, Xing Xie, José Hernández-Orallo

Nature, 2025. Under the 2nd Round of Review.

Media Coverage: Microsoft Research, TLDR AI

Invited Talks: Future of Life Institute, Microsoft Research Asia, POLARIS and COCOSCI labs at Princeton University

Larger and More Instructable Language Models Become Less Reliable

Lexin Zhou, Wout Schellaert, Fernando Martínez-Plumed, Yael Moros-Daval, Cèsar Ferri, José Hernández-Orallo

🏆 Nature, 2024

Media Coverage: Nature, Forbes, MIT Tech Review, IEEE Spectrum, El País, New Scientist, QbitAI, IBM, etc.

Invited Talk: AI & Society Research Talk Series at Microsoft Research

An LLM Feature-based Framework for Dialogue Constructiveness Assessment

Lexin Zhou, Youmna Farag, Andreas Vlachos

EMNLP, 2024

Top 0.5% of Submissions (Avg. Rev. Score = 4.17/5)

Invited Talk: Toshiba Cambridge

Predictable Artificial Intelligence

Lexin Zhou, Pablo Moreno-Casares, Fernando Martínez-Plumed, John Burden, Ryan Burnell, Lucy Cheke, Cèsar Ferri, Alexandru Marcoci, Behzad Mehrbakh, Yael Moros-Daval, Seán Ó hÉigeartaigh, Danaja Rutar, Wout Schellaert, Konstantinos Voudouris, José Hernández-Orallo

Artificial Intelligence Journal, 2023. Under the 3rd Round of Review.

Subphenotyping of Mexican Patients With COVID-19 at Preadmission to Anticipate Severity Stratification: Age-Sex Unbiased Meta-Clustering Technique

Lexin Zhou, Nekane Romero, Juan Martínez-Miranda, J Alberto Conejero, Juan M García-Gómez, Carlos Sáez
JMIR Public Health and Surveillance, 2022

1st Prize on Research Publication with the Highest Impact Factor (IF=14.56) in 2022 at the ITACA Institute

Research & Industry Experience

Microsoft Research Asia

AI Research Resident (advised by Xing Xie) Nov 2024 – Aug 2025

VRAIN

Research Assistant (advised by Jose Hernandez-Orallo) Jan 2022 – May 2023 & Aug 2024 – Nov 2024

Meta AI

AI Consultancy Jan 2024 – Mar 2024

Kruger AI Safety Lab

Research Intern (advised by Gabriel Recchia) June 2023 – Sep 2023

OpenAI

AI Consultancy Sep 2022 – Mar 2023

European Commission

AI Consultancy Jul 2022 – Aug 2022

BDSLlab

Research Collaborator (advised by Carlos Sáez) Jun 2020 – Dec 2021

Honors & Awards

- 2025 *Star of Tomorrow Award*, Microsoft Research Asia
- 2024 *Microsoft Accelerating Foundation Models Grant (\$15K)*, Microsoft Research
- 2023 *Open Philanthropy Long-Term Future Fund (\$50K)*, Open Philanthropy
- 19'-23' *Best Academic Record Awards (ranked the 1st in the BSc data science cohort every year)*, Uni. Politécnica de Valencia
- 2023 *1st Prize for the publication with the highest impact factor in 2022*, ITACA Institute – Uni. Politécnica de Valencia
- 2022 *Undergraduate Research Collaboration Fellowship*, Ministry of Education – Government of Spain.
- 2022 *Santander Bank Studies Progress Scholarship (top 0.0001% in the university)*, Santander Bank

Media Coverage: My work has been featured by Nature (x2), Financial Times, Forbes, MIT Tech Review, IEEE Spectrum, El País, New Scientists, QbitAI, IBM, among other media outlets.

Professional Service

- Invited Talk: “[General Scales Unlock AI Evaluation with Explanatory and Predictive Power](#)”, *Future of Life Institute*, 2025.
- Invited Talk: “[General Scales Unlock AI Evaluation with Explanatory and Predictive Power](#)”, *Microsoft Research Asia*, 2025.
- Invited Talk: “[General Scales Unlock AI Evaluation with Explanatory and Predictive Power](#)”, *Princeton University*, 2025.
- Invited Talk: “[Larger and More Instructable Language Models Become Less Reliable](#)”, *Microsoft Research: AI & Society Research Talk*, 2024.
- Invited Talk: “[An LLM Feature-based Framework for Dialogue Constructiveness Assessment](#)”, *Toshiba Cambridge*, 2024.
- Journal/Conference Reviewer: Nature (*invited to review the paper of DeepSeek-R1, the most powerful open-weight LLM as of early 2025*), ACL 2025, ACL 2023, AMMAS 2023.
- Conference Organising Committee: The 1st kick-off event of [Predictable AI](#) conference, Valencia, 2023.
- Newsletter: [The AI Evaluation Substack](#).
- Volunteering: Over the past five years, I taught 20+ classmates to grasp difficult concepts at both undergraduate and master’s levels, provided feedback to three undergraduate students on their master’s applications, visited seniors in retirement home once, made a donation of 100 Euros to charity, and providing translation assistance for my extended family and friends who struggle with Spanish over 100+ occasions in settings such as medical appointment and business affairs.

Miscellaneous

- Language: English (Proficient), Spanish (Native), Chinese (Native), Catalan (Learner).
- Leisure Activities: Outside of science, I spend my time playing piano, swimming, practising tennis or hiking with friends, biking on the road, traveling with loved ones, or enjoy reading about miscellaneous philosophical/science content.