Lexin Zhou

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⑤ Homepage: https://lexzhou.github.io/

Education₋

University of Cambridge

Cambridge, UK 2023 - 2024 MPhil of Advanced Computer Science (Track: NLP + HCI)

• GPA: 4.0/4.0 (Distinction)

· Advisor: Andreas Vlachos

Universidad Politécnica de Valencia

Bachelor of Science, Data Science

• GPA: 3.93/4.0 (ranked top 1 in the cohort)

• Advisor: Jose Hernandez-Orallo

Valencia, Spain 2019 - 2023

Selected Publications

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

An LLM Feature-based Framework for Dialogue Constructiveness Assessment

Lexin Zhou, Youmna Farag, Andreas Vlachos

EMNLP 2024 (rev. score = $4.17 \approx \text{top } 3\% \text{ of submissions}$)

Predictable Artificial Intelligence

Lexin Zhou, Pablo Moreno-Casares, Fernando Martínez-Plumed, [...], José Hernández-Orallo Artificial Intelligence Journal, 2024. Under the 2nd Round of Review.

Other Publications-

Reject Before You Run: Small Assessors Anticipate Big Language Models

Lexin Zhou, Fernando Martínez-Plumed, José Hernández-Orallo, Cèsar Ferri, Wout Schellaert Evaluation Beyond Metrics Workshop@IJCAI-2022

A Framework for Categorising AI Evaluation Instruments

Anthony G Cohn, José Hernández-Orallo, Julius Sechang Mboli, Yael Moros-Daval, Zhiliang Xiang, Lexin Zhou Evaluation Beyond Metrics Workshop@IJCAI-2022

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 ITACA Institute

Research & Industry Experience

Microsoft Research

Research Intern (advised by Xing Xie) Nov 2024 - Aug 2025 (Expected)

Valencian Research Institute for AI

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

Meta Al

Red Teaming Research Consultancy Jan 2024 - Mar 2024

Kruger AI Safety Lab, University of Cambridge

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

OpenAl

Red Teaming Research Consultancy Sep 2022 – Mar 2023

Joint Research Centre, European Commission

AI Evaluation Research Consultancy

Jul 2022 - Aug 2022

Biomedical Data Science Lab

Research Collaborator (advised by Carlos Sáez)

Jun 2020 - December 2021

Honors & Awards-

- 2023 Open Philanthropy Long-Term Future Scholarship for master's studies at Cambridge (50000\$), 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 received extensive media coverage from Nature, Financial Times, Forbes, MIT Technology Review, IEEE Spectrum, El País, New Scientists, among others.

Professional Service-

- Invited Talk: "Larger and More Instructable Language Models Become Less Reliable", Microsoft Research, 2024.
- Invited Talk: "An LLM Feature-based Framework for Dialogue Constructiveness Assessment", Toshiba Cambridge, 2024.
- Conference Reviewer: AMMAS 2023, ACL 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 90 Euros to Effective Altruism, 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, Spanish, Chinese, Catalan.
- Leisure Activities: Outside of scinece, 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.