

Lexin Zhou

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Education

University of Cambridge

MPhil of Advanced Computer Science (Track: NLP + HCI)

- GPA: 4.0/4.0 (Distinction)
- Advisor: [Andreas Vlachos](#)

Cambridge, UK
2023 – 2024

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

- [1] [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
- [2] [An LLM Feature-based Framework for Dialogue Constructiveness Assessment](#)
Lexin Zhou, Youmna Farag, Andreas Vlachos
EMNLP 2024 (rev. score = 4.17 \approx top 3% of submissions)
- [3] [Predictable Artificial Intelligence](#)
Lexin Zhou, Pablo Moreno-Casares, Fernando Martínez-Plumed, [...], José Hernández-Orallo
Under review

Other Publications

- [4] [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
- [5] [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
- [6] [Machine Learning Uncovers Blood Test Patterns Subphenotypes at Hospital Admission Discerning Increased 30-day ICU Mortality Rates in COVID-19 Elderly Patients](#)
Nekane Romero-García, **Lexin Zhou**, Rafael Badenes, [...], Carlos Sáez
The 42nd International Symposium on Intensive Care & Emergency Medicine
- [7] [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
1st Prize on Research Publication with the Highest Impact Factor (IF=14.56) in 2022 at ITACA Institute

Research & Industry Experience

Valencian Research Institute for AI

Research Assistant (advised by Jose Hernandez-Orallo)

Aug 2024 – Present

Meta AI

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

Valencian Research Institute for AI

Research Assistant (advised by Jose Hernandez-Orallo)

Jan 2022 – May 2023

OpenAI

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, Open Philanthropy
- 19'-23' Best Academic Record Awards (ranked the 1st in the BSc data science cohort), Universidad 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, MIT Press, IEEE Spectrum, IBM, El País, and New Scientists, among many other venues.

Professional Service

- 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.

Miscellaneous

- Language: English, Spanish, Chinese, Catalan.
- 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.