# **Lexin Zhou**

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

## Education<sub>-</sub>

**University of Cambridge** 

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

*Cambridge, UK* 2023 – 2024

### 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. 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 Al

Research Assistant (advised by Jose Hernandez-Orallo)

Jan 2022 – May 2023 & Aug 2024 – Present

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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 (50000\$), 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 Financial Times, Nature, 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.

# 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.

24 Oct 2024