

# 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 the 2<sup>nd</sup> round of review at Artificial Intelligence Journal*

## 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

### 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)

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

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2023 *Open Philanthropy Long-Term Future Scholarship*, Open Philanthropy

19'-23' *Best Academic Record Awards (ranked the 1<sup>st</sup> 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, MIT Press, IEEE Spectrum, IBM, El País, and New Scientists, among many other venues.

## Professional Service

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- 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

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- 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.