

Jing Luo

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EDUCATION

Shandong University	Sep 2020 - Jun 2024
Mathematics, School of Mathematics and Statistics	
GPA: 84.07/100	
IELTS: 6.5	

HONORS & AWARDS

Shandong University Special Scholarship	2022
National second prize in China Undergraduate Mathematical Contest in Modeling	2022.11.15
First prize in May Day Mathematical Contest in Modeling	2021.6

RESEARCH INTERESTS

Natural Language Processing; Reliable AI; Responsible AI

RESEARCH EXPERIENCE

Shandong University	Apr 2022 - Jan 2023
Research Assistant for Associate Professor Feng Liu	
<ul style="list-style-type: none">I researched how machine learning and deep learning techniques can be applied in finance, economics, and related fields. Notable projects included predicting oil prices using a hybrid GRU model and studying the impact of CEOs on internal controls through various machine learning algorithms.	
Shanghai Jiao Tong University	Feb 2023 - Oct 2023
Research Assistant for Associate Professor Weiran Huang	
<ul style="list-style-type: none">I engage in theoretical research within the field of NLP, specifically investigating how the complexity of LLMs influences their performance in downstream tasks from a theoretical perspective.	
University of Illinois at Chicago	Jan 2024 - Present
Research Assistant for Assistant Professor Lu Cheng	
My primary focus has been on exploring the uncertainty of LLMs. This involves applying Conformal Prediction to LLMs and leveraging their uncertainty to enhance their performance in downstream tasks. Presently, I have contributed as a second author to a paper on this topic, which has been submitted to ACL 2024.	

PUBLICATIONS & MANUSCRIPTS

<ul style="list-style-type: none">Investigating the Impact of Model Complexity in Large Language Models Jing Luo, Huiyuan wang, Weiran Huang Submitted to ACML 2024API Is Enough: Conformal Prediction for Large Language Models Without Logit-Access Jiayuan Su, Jing Luo, Hongwei Wang, Lu Cheng Submitted to EMNLP 2024Oil price forecasting: A hybrid GRU neural network based on decomposition-reconstruction methods Shiqi Zhang, Jing Luo, Shuyuan Wang, Feng Liu* Accepted by Expert Systems With Applications(IF=8.665, CCF-C)Machine Learning for Predicting Corporate Violations: How Do CEO Characteristics Matter? Ruijie Sun, Yinan Li, Rongping Wang, Jing Luo, Feng Liu* Accepted by Journal of Business EthicsHow does digital transformation promote total factor productivity? Strategy, technology, and application in Managerial and Decision Economics Wenjing Liu, Caixia Liu, Jing Luo, Feng Liu Accepted by Managerial and Decision Economics	
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