



HAORAN ZHENG

AI RESEARCHER

513-909-5366
raulzhenghaoran@gmail.com
Chicago, IL, USA

ABOUT ME

Motivated AI/ML researcher with a focus on Explainable AI.
Current Research Assistant at Epley Lab.
Graduated with M.S. in Data Science from The University of Chicago with a 4.0 GPA.
Earned bachelor's degrees in Economics, Finance, and History as a triple major at The Ohio State University.
Experienced in teaching roles across STEM fields, including Statistics.
Recipient of the Pace Setters Awards.

PUBLICATIONS

SCENE: Evaluating Explainable AI Techniques Using Soft Counterfactuals

(Under Review)
Aug 2024

SKILLS

Explainable AI Techniques

Programming Languages & Tools

Machine Learning Frameworks

Natural Language Processing

Causal Inference

Bayesian Methods

LINKS

Personal Website:
haoranzhengraul.github.io

LinkedIn Profile:
www.linkedin.com

WORK EXPERIENCE

Epley Lab

The University of Chicago
Booth School of Business
Sep 2024 – Present

Mindworks Lab

The University of Chicago
Booth School of Business
Apr 2024 - Present

Dr. Christopher Reed

The Ohio State University
Apr 2024 – Present

The Ohio State University

Feb 2021 – May 2022

Research Assistant in Behavioral Science

- Collaborate closely with Dr. Nicholas Epley and Yale scholar Yin Li on "The Multicultural Study," focusing on cross-cultural perceptions of beliefs and preferences.

Research Specialist in Behavioral Science

- Collaborated with the University of Chicago Human-Robot Interaction Lab. Investigated the impact of personality alignment between humans and robots on the effectiveness of positive psychology exercises.
- Co-manage studies and collect data for renowned scholars like Dr. Nicholas Epley and Dr. Sarah Sebo.
- Examined frontier Behavioral Science research on prospect theory and diminishing sensitivity.

Research Assistant in History

- Applied modern NLP techniques and the SCENE method to traditional History research.
- Aim to identify the significance of previously unseen historical documents.

Lead Teaching Assistant for Statistics 2320

- Taught two weekly recitations for 65 students each, focusing on statistical concepts and analytic tools like R.
- Developed customized review notes and visual aids for 900+ enrolled students each semester.

EDUCATION

The University of Chicago

Chicago, IL
2024

The Ohio State University

Columbus, OH
2022

Master of Science in Data Science

- Thesis: "Demystifying the Black Box: An Empirical Evaluation of Explainable AI Techniques in NLP Tasks" (Advisor: Dr. Utku Pamuksuz).

Bachelor of Science in Economics

- Triple major in Economics (GPA 3.9/4.0), Finance (GPA 3.8/4.0), and History (GPA 3.8/4.0).