



## ABOUT ME

Motivated AI researcher with a focus on Explainable AI. Current Research Assistant at Epley Lab. Graduated with an M.S. in Applied Data Science at 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. Recipient of the Pace Setters Award.

## 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

## LINK

Personal Website:  
<https://haoranzhengraul.github.io/>

# HAORAN ZHENG

AI RESEARCHER

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## WORK EXPERIENCE

**EPLEY LAB**  
Sep 2024 - Present

### Research Assistant

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

**MINDWORKS LAB**  
Apr 2024 - Present

### Research Specialist

- Co-manage studies and collect data for renowned scholars like Dr. Nicholas Epley and Dr. Sarah Sebo.
- Literature review.
- 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.

**DR. CHRISTOPHER REED**  
Sep 2024 - Present

### Research Assistant

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

**THE OHIO STATE UNIVERSITY**  
Feb 2021 - May 2022

### Teaching Assistant

- Conducted two weekly recitations for 65 students each, focusing on statistical concepts and analytic tools like R.
- Made customized review notes and visual aids to all 920 students that were enrolled.

## EDUCATION

**THE UNIVERSITY OF CHICAGO**  
Chicago, IL  
2024

### Master of Science in Applied Data Science

- Thesis: "Demystifying the Black Box: An Empirical Evaluation of Explainable AI Techniques in NLP Tasks".
- Advisor: Dr. Utku Pamuksuz.
- Notable Coursework: Bayesian Methods, Generative AI Principles, Advanced Linear Algebra for ML.

**THE OHIO STATE UNIVERSITY**  
Columbus, OH  
2022

### Bachelor of Science in Business Administration

- Triple major in Economics, Finance, and History.
- Majors' GPAs: Economics (3.9/4.0), Finance (3.8/4.0), History (3.8/4.0).