



# HAORAN ZHENG

AI RESEARCHER

📞 513-909-5366

✉️ raulzhenghaoran@gmail.com

🏠 Chicago, IL, USA

## ABOUT ME

Current Pre-Doctoral Fellow at UChicago Booth in Quantitative Marketing with Professor Andreas Kraft.

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

**Do AIs Dream of Electric Butterflies? Benchmarking LLM Consciousness via Theory-Grounded Self-Reports**

Oct 2025

**SCENE: Evaluating Explainable AI Techniques Using Soft Counterfactuals**

Aug 2024

## LINKS

Personal Website:

[haoranzhengraul.github.io](https://haoranzhengraul.github.io)

LinkedIn Profile:

[www.linkedin.com](https://www.linkedin.com)

## WORK EXPERIENCE

### Dr. Andreas Kraft

The University of Chicago  
Booth School of Business  
June 2025 – Present

### Epley Lab

The University of Chicago  
Booth School of Business  
Sep 2024 – June 2025

### Mindworks Lab

The University of Chicago  
Booth School of Business  
Apr 2024 – June 2025

### Dr. Christopher Reed

The Ohio State University  
Apr 2024 – May 2025

### The Ohio State University

Feb 2021 – May 2022

### Research Professional in Quantitative Marketing

- Researching consumer utility and choice behavior under uncertainty using discrete-choice models of demand, with applications to illicit automobile markets.

### Research Assistant in Behavioral Science

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

### Research Specialist in Behavioral Science

- Examined frontier Behavioral Science research on prospect theory and diminishing sensitivity.
- Co-managed studies and collect data for renowned scholars like Dr. Alexander Todorov and Dr. Sarah Sebo.

### Research Assistant in History

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- Identified the significance of previously unseen historical documents.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