

# Jiaze QIU

STATISTICS · PROBABILITY

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## Education

### Harvard University

PH.D. IN STATISTICS & M.A. IN STATISTICS, GPA 4.0/4

- Advised by Prof. Subhabrata Sen

Cambridge, MA

2019 - 2024 (Expected)

### Peking University

B.S. IN MATHEMATICS AND APPLIED MATHEMATICS, GPA 3.8/4, OUTSTANDING GRADUATE

- With concentration in *Probability & Statistics*, also received systematic training in *Computational Mathematics & Numerical Methods*.

Beijing, China

2015 - 2019

B.A. IN PHILOSOPHY (DOUBLE MAJOR)

2017 - 2020

## Employments

### Five Rings LLC

QUANTITATIVE RESEARCH INTERN

Cambridge, MA

June 2022 - Aug 2022

## Publications and Manuscripts

\*Author order is determined alphabetically.

Qiu, J. and Sen, S. (2022+). The TAP Free Energy for High-Dimensional Linear Regression, to appear in *Annals of Applied Probability*.

Ham, D.\* and Qiu, J.\*. (2022+). Hypothesis Testing in Sequentially Sampled Data: ART to Maximize Power Beyond iid Sampling, *in submission*.

## Consulting and Teaching Experience

### Consultant & Teaching Fellow, Statistical Consulting Group

DEPARTMENT OF STATISTICS, HARVARD UNIVERSITY

- Offered assistance and advice to more than 50 clients in all forms of data analysis and interpretation of results, including but not limited to: Experimental Design, Classification and Prediction (Machine Learning), Statistical Issues Arising from 'Big Data' Sets, Model Fitting, and Data Visualization.
- Assisted Prof. Lucas Janson with administrative duties, in charge of the outreach mission of our consulting group.

Cambridge MA

Jan 2020 - Dec 2021

### Teaching Fellow

HARVARD UNIVERSITY

- Statistical Inference I (PhD-level), Statistical Inference II (PhD-level), Statistical Consulting (PhD-level) and Introduction to Stochastic Processes (Undergraduate-level).
- Awarded Distinction in Teaching for multiple times.

Cambridge MA

Sept 2020 - Present

## Selected Honors & Awards

2021-22 **Distinction in Teaching**, Harvard University

Cambridge, MA

2019 **Outstanding Graduate**, Peking University

Beijing, China

2018 **Scholarship for Excellent Students in Applied Mathematics**, Peking University

Beijing, China

2018 **Fangzheng Scholarship**, Peking University

Beijing, China

2017 **Samsung Scholarship**, Peking University

Beijing, China

2017 **First Prize**, Jiang-Zehan Mathematical Modeling Contest (1/32)

Beijing, China

2014 **First Prize**, Chinese Mathematical Olympiad

Chongqing, China

## Skills & Interests

**Languages:** Mandarin (Native), English (Fluent), Spanish (Beginner)

**Programming Skills:** Python, C, Matlab, R,  $\LaTeX$ .

**Interests:** Mahjong, Bridge, Poker, Badminton