

BAICHEN YU

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Education

Peking University

Ph.D. Student in Statistics at Guanghua School of Management

09 2023–

Beijing, China

East China Normal University

B.Sc. in Statistics - GPA: 3.84/4 - Rank: 1/86

09 2019 – 06 2023

Shanghai, China

Research and Publications

A Geometrical Model for Abnormal Motion Detection of Portal Crane Bucket Grab

Baichen Yu, Xiao Wang and Hansheng Wang*

Revised

A Gaussian Mixture Model for Multiple Instance Learning with Partially Subsampled Instances

Baichen Yu, Xuetong Li, Jing Zhou and Hansheng Wang*

Under Review

A Factor Model for High-Dimensional Spatial Autoregression

Jiaxin Shi, Xuening Zhu, Jing Zhou, Baichen Yu and Hansheng Wang*

Under Review

Conference and Invited Talks

- ICSA China Conference, 2023 and 2024
- The 6th China North Region Statistics and Optimization Conference
- Hangzhou International Conference on Frontiers of Data Science, 2023
- 2024 Annual Meeting of Chinese Statistical Association of Young Scholars, Doctoral Student Forum
- The 7th International Conference on Econometrics and Statistics (EcoSta 2024)

Competition

- Second National Prize of China Undergraduate Mathematical Contest in Modeling (CUMCM)
- Second National Prize of Chinese Undergraduate Computer Design Contest
- Third National Prize of Chinese Undergraduate Market Survey and Analysis Competition
- Honorable Mention of Interdisciplinary Contest In Modeling (ICM)

Teaching Experience

Regression Analysis (UG)

Teaching Assistant (Instructor: Prof. Xiangyi Wu)

2022 Fall

East China Normal University

Deep Learning and Artificial Intelligence (UG & PG & MBA)

Teaching Assistant (Instructor: Prof. Hansheng Wang)

2023 Fall

Peking University

Business Data Analysis and Forecasting (MBA)

Teaching Assistant (Instructor: Prof. Hansheng Wang)

2024 Spring

Peking University

Academic Writing (BA)

Teaching Assistant (Instructor: Prof. Hansheng Wang)

2024 Spring

Peking University

Review History

- Advanced Engineering Informatics

Internship

Department of Mathematics, HKUST

Research Intern advised by Prof. Can Yang

07 2022 – 08 2022

Hong Kong SAR, China

China Logistics Information Center

Economic Analyst

07 2021 – 08 2021

Beijing, China

Honor

- Shanghai Outstanding Graduates (Summa Cum Laude)
- First-class scholarship of East China Normal University

Skills

Programming Languages: R, Python (TensorFlow & PyTorch), C++, Julia, SQL, L^AT_EX

Natural Languages: Chinese, English