Ziyue Wu

✉ ziyuewu@zju.edu.cn · ☏ (+86) 17342023202 · ⓘ https://zaccwu.github.io

Education

Zhejiang University, School of Management   2021.9 – Present

Ph.D. Candidate in Department of Data Science and Management Engineering.

Zhejiang University, Chu Kochen Honors College   2017.9 – 2021.6

Double Honor Major: Statistics & Information Management and Information Systems.
GPA：3.96/4 (89.63/100); Rank：3/123

Research Interests

- **Methodological Research**: Casual inference in machine learning, Network analysis and graph learning, Time series forecasting, Interpretable machine learning, Bayesian statistics and Bayesian deep learning.
- **Applied Research**: Social network, Social media, Customer behavior, Precision marketing and product promotion, Financial technology.

Research Papers

Accepted Papers

Ziyue Wu, Xi Chen*, Zhaoxing Gao. Bayesian Non-parametric Method for Online Products Sales Forecasting. *Decision Support Systems*, 2023, Forthcoming.

Papers Under Review/Revision

Ziyue Wu, Xi Chen*. Estimating Weighted Peer Influence by Controlling Unobservable Homophily Using Deep Graph Learning. Submitted to *Management Science*.

Ziyue Wu, Xi Chen*. Co-move in the Future? A Multi-task Learning Approach for Stock Prediction with Dynamic Co-movement Graph. Submitted to *IEEE Transaction on Knowledge and Data Engineering(TKDE)*.

Work-in process

Ziyue Wu, Yiqun Zhang, Xi Chen*. What if Social Bots Be My Friends? Estimating Causal Effect of Social Bots Using Counterfactual Graph Learning.

Ziyue Wu, Xi Chen*, Ruijin Jin. Excavating the Long-tail: A Graph Representation Learning Approach for Product Recommendation.

Conference and talks

Annual Conference of Big Data Business Analytics and China Management Young Scholars Forum (2022.12)
Title: A network representation learning approach to identify causality in social network observational data.
Doctoral Forum in School of Management, Zhejiang University (2022.8)
Title: Distribution shifts and the solutions in time series analysis.

Research and exchange experiences

Summer Intensity Research Training in University of California, Los Angeles   2020.5 – 2020.9

Improved the Approximate Algorithm for Solving Partial Observable Markov Decision Process (POMDP). Advisor: Prof. Tao Gao. University of California, Los Angeles.

Oxford University, Lady Margaret Hall, UK   2018.7 – 2018.8

Went to Oxford University for a three-week study in the summer vacation of 2018 as a visiting student.
Awards: Best Presentation award for group academic project.

Honors and awards

Awards

Best student paper in Annual Conference of Big Data and Business Analytics and China Management Young Scholars Forum	2022
Research Innovation Pacesetter in Chu Kochen Honors College	2019 & 2020
Outstanding Students in Chu Kochen Honors College (Top 10%)	2018 & 2019

Scholarship

Freshman scholarship for Ph.D. Candidates (Top 5%)	2021
Provincial Scholarship (Top 10%)	2019
First-Class Scholarship for Excellent Students in Zhejiang University (Top 5%)	2018 & 2019
National Scholarship (Top 2%)	2018

Services, clubs, and activities

Artificial Intelligence Association of Zhejiang University, Head of the academic department 2022.9 – Present

Asia-Pacific Student Entrepreneurship Society, Member   2021.11 – Present

Zhejiang University Morningside Culture China Scholars Program (12th), Member 2020.5 – Present

Skills

- Programming: Python, R, stata, SQL, C/C++, Matlab, NodeXL, Data Visualization, Database.
- English： CET4-663， CET6-592， TOEFL-103.