

KANGQI LI

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✿ EDUCATION

M.S. in Statistics

Case Western Reserve University (CWRU), US

Aug. 2022 – May. 2024

- ❖ GPA: 3.88
- ❖ Main courses: • Theoretical Statistics • Linear Models • Bayesian Theory • Bayesian Scientific Computing
• Machine Learning & Data Mining

B.S. in Statistics

Wuhan University (WHU), China

Sept. 2017 – Jun. 2021

- ❖ Thesis: *Non-parametric Statistical Inference Based on B-splines*
- ❖ Main courses: • Mathematical Analysis • Linear Algebra • Probability Theory • Mathematical Statistics
• Real Analysis • Multivariate Statistical Analysis • Regression Analysis • Stochastic Processes

✿ PROFESSIONAL EXPERIENCE

Internship - research in causality inspired OOD generalization on graphs

Department of Computer and Data Sciences, CWRU

Dec. 2023 – Mar. 2024

- ❖ Employed structural causal models to OOD (Out-of-Distribution) generalization on graphs.
- ❖ Improved the performance existed causality-based graph models (mainly CIGA) by modifying the baseline algorithm of invariant GNN.

Grader

Department of Mathematics, Applied Mathematics, and Statistics, CWRU

Sept. 2023 – May. 2024

- ❖ Acted as a grader for courses STAT 325, STAT 326, and STAT 346, providing assessment and feedback on student assignments.

Volunteer - feasibility of influenza vaccination against future potential COVID-19 outbreaks

Wuhan Healthcare Commission

Oct. 2020 – Mar. 2021

- ❖ Utilized R to perform fitting and visualization for time series data with missing values.

✿ PROGRAMMING SKILLS

- ❖ R
- ❖ Python (PyTorch)