Zekun (Bill) Wang ⬤

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Education

- University of Wisconsin–Madison (Wisconsin, USA)   Sep 2023 – Present
  Master of Science in Statistics and Data Science (MSDS).
- University of Wisconsin–Madison (Wisconsin, USA)   Sep 2022 – May 2023
  Visiting International Student Program in Statistics (Statistics-VISP).
- Xiamen University (Fujian, China)   Sep 2019 – Jun 2023
  Bachelor of Science in Statistics (International Experimental Class).

Positions

- Research Assistant   Jan 2023 – Present
  Prof. Vivak Patel, Department of Statistics, University of Wisconsin–Madison.
- Research Assistant   Dec 2022 – Present
  Prof. Joshua Cape, Department of Statistics, University of Wisconsin–Madison.
- Project Assistant   Jan 2021 – Feb 2021
  Prof. Jianan Li, WISE & SOE, Xiamen University (Excellent Award).

Research Interests

- Statistical Machine Learning
- Statistical Network Analysis
- Numerical Optimization
- Econometrics

Talks

- Co-presentation Network Analysis   Nov 2023
  Ph.D. student group of Prof. Joshua Cape, University of Wisconsin–Madison.
- Stopping Criterion for Stochastic Gradient Descent   Jun 2023
  Ph.D. student group of Prof. Vivak Patel, University of Wisconsin–Madison.
- An Introduction to Conference Network Data   May 2023
  Ph.D. student group of Prof. Joshua Cape, University of Wisconsin–Madison.
- An Introduction to Data Mining   Oct 2021
  Graduate student group of WISERCLUB, WISE & SOE, Xiamen University.

Awards

- Academic Excellence Award (USA)   Aug 2023
  Department of Statistics, University of Wisconsin–Madison (Individual).
  Scholarship for the MSDS program based on the performance in the Statistics-VISP program.
- The 13th Chinese Mathematics Competitions (China)   Dec 2021
  Provincial first prize (Individual).
  Participated in an advanced mathematics contest covering topics including calculus and linear algebra.
- Contemporary Undergraduate Mathematical Contest in Modeling (China)   Dec 2021
  Provincial first prize (Team captain).
  Conducted operational research in the ordering and transportation decisions in manufacturing enterprises.
- The "Challenge Cup" of National College Students (China)   Jul 2021
  Provincial first prize (Team member).
  Applied deep learning GAN model to colorize images taken by the C-band SAR satellite HISEA-1.

Programming

- Advanced proficiency: *Python, Julia, R, MATLAB, SQL, Linux, HPC/HTC, LaTeX.*
- Intermediate proficiency: *C, C++, Java, HTML, CSS, JavaScript.*

Leadership

- Vice president of the undergraduates of WISERCLUB (Xiamen University)   May 2022 – May 2023
  WISERCLUB is a data science learning group organized by Prof. Wei Zhong (Chair of the Department of Statistics, WISE & SOE) and Prof. Haiqiang Chen (Chair of the Department of Finance, WISE & SOE).