

# 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
- Numerical Optimization
- Statistical Network Analysis
- 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,  $\text{\LaTeX}$ .
- 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).*