

RUNSHI TANG

rtang56@wisc.edu ◇ Madison, WI ◇ September 4, 2023

EDUCATION

Bachelor in Statistics

Mathematics School, Shandong University

2016 - 2020

-Academic Excellence Award towards 2016-2017, 2017-2018

(Exchanged to UW-Madison for further education in advance since 2019.)

Master in Statistics-Data Science Tracking

Statistics Department, University of Wisconsin-Madison

2019-2021

-Academic Excellence Award towards 2019-2020

Ph.D in Statistics

Statistics Department, University of Wisconsin-Madison; Co-advised by Prof. Richard Chappell & Prof. Anru Zhang
(Duke University), 2021-Now

EXPERIENCE

Actuarial Internship

Summer, 2018

Taishan Property Insurance Co., Ltd.

Jinan, Shandong Province, China

- Work for Actuarial Dept.; Learn structure of insurance company and knowledge of Property Insurance and making Actuarial Report; Help make observation report on opponents.

Project Assistant

Sep 2020 - Aug. 2021

Department of Statistics, UW-Madison

Madison, WI, U.S.

- Supervised by Prof. Awad Hanna(in Civil & Environmental Engineering dept.) and Prof. Wei-Yin Loh
- Using statistics and programming, Process and analyze data for a research project on construction material transportation of C&E dept.

Teaching Assistant

Sep 2021 - May 2022

Department of Statistics, UW-Madison

Madison, WI, U.S.

- Fall 2021: STAT 324, Introductory Applied Statistics for Engineers
- Spring 2022: STAT 324, Introductory Applied Statistics for Engineers

Academia Internship

Summer, 2022

School of Medicine, Duke University

Durham, NC, U.S.

- Supervised by Prof. Anru Zhang (Biostatistics & Bioinformatics dept.) and Prof. Christina Meade (Psychiatry and Behavioral Sciences dept.)
- Participated in two projects: longitudinal study on HIV contributes to neurocognitive impairments in persons who use stimulant and applying novel tensor-based method on MRI data to predict cocaine use.
- Displayed a post at 18th annual CFAR Fall Scientific Retreat and submitted two manuscript (under review)

Project Assistant

Sep 2022 - Now

Institute for Research on Poverty, UW-Madison

Madison, WI, U.S.

- Supervised by Prof. Jessica Pac and Prof. Lawrence Berger (Institute for Research on Poverty & School of Social Science)
- Working on studying relation between child maltreatment and various policies.

RESEARCH INTEREST

- High dimensional statistics, spiked covariance model, tensor decomposition, matrix analysis, optimization ...
- Applying theories into different practical fields, including social science and clinical science.