

# Jing Zeng (曾靖)

## Contact

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International Institute of Finance  
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## Education

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- Florida State University (FSU), Department of Statistics  
Ph.D. in Statistics 08/2017 - 05/2022  
Co-advisors: Dr. Xin Zhang and Dr. Qing Mai
- University of Science and Technology of China (USTC), School of Mathematical Sciences  
B.S. in Mathematics and Applied Mathematics 08/2013 - 06/2017

## Employment

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- Associate Professor (tenure-track) International Institute of Finance, School of Management  
University of Science and Technology of China  
07/2022 - Present

## Research Interests

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- Applications in medical science.
- Dimension reduction.
- High-dimensional statistics.
- Machine learning.
- Robust statistics.
- Tensor data analysis.

## Publications

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“†” indicates alphabetical authorship.

1. Zeng, J., Mai, Q. and Zhang, X. (2022). Subspace Estimation with Automatic Dimension and Variable Selection in Sufficient Dimension Reduction. *Journal of the American Statistical Association*, accepted.
2. † Li, L., Zeng, J. and Zhang, X. (2022). Generalized Liquid Association Analysis for Multimodal Data Integration. *Journal of the American Statistical Association*, accepted.
3. Zeng, J., Zhang, X. and Mai, Q. (2022+). An Efficient Convex Formulation for Reduced-Rank Linear Discriminant Analysis in High Dimensions. *Statistica Sinica*, accepted.
4. Zeng, J., Wang, W. and Zhang, X. (2021). TRES: An R Package for Tensor Regression and Envelope Algorithms. *Journal of Statistical Software*, 99, 1-31.

## Honors and Awards

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- Outstanding Teaching Assistant Award (OTAA) nomination, FSU. 01/2020  
(Only two teaching assistants were nominated from each department.)

- Best First Year Student in Applied Statistics Award (top 10), FSU. 10/2018  
(*The award was presented in recognition of outstanding achievement as a graduate student.*)
- Scholarship for Outstanding Students, Third Prize (top 20%), USTC. 09/2015
- Scholarship for Outstanding Students, Second Prize (top 10%), USTC. 09/2014

## Software

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1. R package: **TRES** (<https://cran.r-project.org/web/packages/TRES/index.html>).

## Teaching

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- Solo Instructor, FSU
  - STA 2122: Introduction to Applied Statistics (Summer 2018, Fall 2018, Spring 2019)
- Teaching Assistant, FSU
  - STA 5934-0001: Tensor Data Analysis (Spring 2020)
  - STA 5934-0002: Deep Learning (Spring 2020)
  - STA 5934-0004: Statistical Computing with Python (Spring 2020)
  - STA 2122: Introduction to Applied Statistics (Fall 2017, Spring 2018)
- Teaching Assistant, USTC
  - Probability and Mathematical Statistics (Fall 2016).

## Conference Presentations

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“★” indicates the upcoming conferences.

- ★ Invited talk, CMStatistics London, UK, 12/2022
- Topic-contributed talk, JSM Washington, USA, 08/2022
- Invited talk, EcoSta Hong Kong, China, 06/2021
- Contributed talk, JSM Denver, USA, 07/2019

## Services

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- Reviewer: *Biometrics*, *Journal of Computational and Graphical Statistics*, *WIREs Computational Statistics*.