

# SHANGE TANG

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## Education

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### Princeton University

Sep 2021 – Current

*PhD, Operations Research and Financial Engineering (ORFE)*

- Advisors: Prof. Jianqing Fan and Prof. Chi Jin
- Research interests: statistics and machine learning, with a focus on unsupervised pretraining, transfer learning and domain adaptation

### Peking University

Sep 2017 – Jun 2021

*B.S., Mathematics and Applied Mathematics*

- Major in Probability and Statistics, Major GPA: 3.89/4.00

## Publication

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### Preprints

- Jiawei Ge, Shange Tang, Jianqing Fan, Chi Jin. On the Provable Advantage of Unsupervised Pretraining. arXiv preprint arXiv:2303.01566 (2023). [[arXiv](#)]

## Awards

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- Peking University Scholarship Nov 2020
- Academic Excellent Award, Peking University Nov 2018, 2019, 2020
- Yizheng Scholarship, Peking University Nov 2019
- May 4th Scholarship, Peking University Nov 2018
- First Prize in the Chinese Mathematical Competition Nov 2018
- Elite Scholarship, School of Mathematical Sciences, PKU Aug 2018
- Gold Medal in Russian Mathematical Olympiad (RMO) Apr 2016
- Gold Medal in 31st Chinese Mathematical Olympiad (CMO) Dec 2015

## Employment

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### Princeton University

Sep 2022 – Current

*Assistant in Instruction*

- ORF 245: Fundamentals of Statistics, Spring 2023
- ORF 309: Probability and Stochastic Systems, Fall 2022

## Relevant Skills

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**Languages:** English, Chinese

**Programming:** Python; L<sup>A</sup>T<sub>E</sub>X; R