Wu Meixi

Institute of Operations Research and Analytics, NUS, Singapore

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Education

National University of Singapore (NUS)	**Singapore**
Ph.D. in Operations Research and Analytics, Expected: 2025	*2020 – Present*

- Advisors: Prof. Jussi Keppo, Assoc. Prof. Zhenyu Hu
- Award: NUS Graduate Research Scholarship

Nanyang Technological University (NTU)	**Singapore**
B.Sc. in Mathematics and Economics	*2016 – 2020*

- Graduated with Honours (Highest Distinction)
- Awards: NTU Science and Engineering Undergraduate Scholarship, Dean's List 2019-2020

University of Bath	**Bath, UK**
Global Education and Mobility Program	*2018*

Research Interests

Revenue Management, Mechanism Design, Structural Estimation, Machine Learning

Working Papers

1. **Bayesian Dynamic Pricing and the Optimality of Incomplete Learning** with Assoc. Prof. Zhenyu Hu and Asst. Prof. Yifan Feng.

2. **Nonatomic Assignment with Network Effects** with Prof. Jussi Keppo and Assoc. Prof. Zhenyu Hu.

3. **Enhancing Pilot Mentoring Programs** with Prof. Jussi Keppo and Dr. Hong Ming Tan.

Publications

- **Deep Weighted MaxSAT for Aspect-based Opinion Extraction**
    - Meixi Wu, Wenya Wang, Sinno Jialin Pan. *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP-20)*, Nov. 16-20, 2020. [pdf]

Teaching Experience

NUS Business School	**Singapore**
Teaching Assistant for DOS3701 Supply Chain Management	*2022*
NUS Business School	**Singapore**
Teaching Assistant for BDC6112 Stochastic Processes I	*2021*
NTU School of Physical and Mathematical Sciences	**Singapore**
Teaching Assistant for MH1802 Calculus for the Sciences	*2019*

Professional Experience

Bank of America Merrill Lynch   **Singapore**
Intern, Chief Technology Office, Market Application Product Service   *2019*
  - Developed data analysis methods and dashboards to enhance market prediction accuracy.

Ernst & Young Solutions LLP   **Singapore**
Intern, Tax, Technology and Transformation   *2018*
  - Automated tax reporting processes, improving accuracy and efficiency.
  - Developed algorithms and dashboards to enhance data analysis capabilities.

Aithent Inc.   **New York, USA**
Intern, Marketing and Integrated Communication   *2017*
  - Led a team in creating marketing materials, boosting brand visibility and engagement.

Skills

- **Programming:** Python, R, Matlab, C++, SQL, Stata
- **Data Analysis:** Machine Learning, Bayesian Inference, Statistical Modeling
- **Software:** MATLAB, LaTeX, Tableau
- **Languages:** English (fluent), Mandarin (native)