Runshan Fu

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EDUCATION

Carnegie Mellon University, Pittsburgh, USA   **2015-2022**
Ph.D., Information Systems and Management

Shanghai University of Finance and Economics, Shanghai, China   **2011-2015**
Bachelor of Management, Information Management and Information Systems

University College London, London, UK   **2013-2014**
Visiting Student, Management Science and Innovation

RESEARCH
INTEREST

Topics: Quantitative Marketing, Algorithmic Bias, Economics of AI, Fairness of ML, Crowd Lending
Methodologies: Structural Modeling, Analytical Modeling, Machine Learning

PUBLICATION

- **"Un"Fair Machine Learning Algorithms** [SSRN]
  Runshan Fu, Manmohan Aseri, Param Vir Singh, Kannan Srinivasan
  Management Science, forthcoming

- **Crowds, Lending, Machine, and Bias** [SSRN]
  Runshan Fu, Yan Huang, Param Vir Singh
  Information Systems Research, 2021

- **AI and Algorithmic Bias: Source, Detection, Mitigation and Implications** [SSRN]
  Runshan Fu, Yan Huang, Param Vir Singh
  INFORMS Tutorials in Operations Research, 2020

WORKING
PAPERS

- **How Does Zestimate Affect Housing Market Outcomes Across Socio-economic Segments?**
  with Yan Huang, Nitin Mehta, Param Vir Singh and Kannan Srinivasan

- **Model Mis-specification and Algorithmic Bias** [arXiv]
  with Yangfan Liang and Peter Zhang

- **Human-Algorithm Interactions: Evidence from Zillow.com** [NBER Working Paper]
  with Meng Liu and Ginger Jin

CONFERENCE
PRESENTATIONS

"Un"Fair Machine Learning Algorithms
- INFORMS Marketing Science Conference 2019
- INFORMS Annual Meeting 2019
- Thirteenth Annual FTC Microeconomics Conference 2020

Crowd Bias and Machine Learning: Evidence from Crowd Lending
- Workshop on Information Systems and Economics 2018
- INFORMS Annual Meeting 2018
- INFORMS Marketing Science Conference 2019

When Algorithms Promote Inequality
- INFORMS Marketing Science Conference 2020
- CMU Symposium on AI and Social Good 2020

SERVICE   Ad-hoc reviewer for: Mangement Science, Information Systems Research, Production and Operations Management, Conference on Information Systems and Technology (CIST), International Conference in Information Systems (ICIS).

REFERENCES   **Kannan Srinivasan**
H.J. Heinz II Professor of Management, Marketing and Business Technologies
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