Runshan Fu

runshan@cmu.edu
(+1) 412-652-8102
https://runshanfu.com

EDUCATION	**Carnegie Mellon University, Pittsburgh, USA**	**2015 − present**
	Ph.D., Marketing / 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: Algorithmic Bias, Economics of AI, Fair Machine Learning, Fintech
Methodologies: Structural Modeling, Analytical Modeling, Machine Learning

WORKING PAPERS

- ***Crowd, Lending, Machine, and Bias***
  Runshan Fu, Yan Huang, Param Vir Singh
  Under 2nd-round review at **Information Systems Research**
  Available at `https://ssrn.com/abstract=3206027`

- ***"Un"Fair Machine Learning Algorithms***
  Runshan Fu, Manmohan Aseri, Param Vir Singh, Kannan Srinivasan
  Under review at **Management Science**
  Available at `https://ssrn.com/abstract=3408275`

WORK IN PROGRESS

- ***Do Machine Learning Algorithms Lead to Adverse Selection in the Housing Market?***
  Runshan Fu, Yan Huang, Param Vir Singh, Kannan Srinivasan

CONFERENCE PRESENTATIONS

'Un"Fair Machine Learning Algorithms
- INFORMS Annual Meeting 2019 (scheduled)
- INFORMS Marketing Science Conference 2019

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

TEACHING

Teaching Assistant

Machine Learning for Problem Solving (by Leman Akoglu)	Spring 2017, 2018
Business Intelligence & Data Mining (by Beibei Li)	Spring & Fall 2018
Unstructured Data Analytics for Policy (by George Chen)	Spring 2018
Unstructured Data Analytics (by George Chen)	Fall 2017
Economic Analysis (by Karen Clay)	Fall 2017
Economic Analysis (by Alessandro Acquisti)	Fall 2017
Statistical Theory for Social and Policy Sciences (by Amelia Haviland)	Fall 2016

SELECTED COURSEWORK

Economics & Social Sciences

Behavioral Economics (by George Loewenstein)	Fall 2017
Economining (by Dokyun Lee)	Fall 2017
Estimating Dynamic and Structured Models (by Param Vir Singh)	Spring 2017
Econometric Thoery and Methods II (by Matthew D. Baird)	Fall 2016
Introduction to Econometric Theory (by Edson Severnini)	Spring 2016
Research Methods in Behavioral Sciences (by Taya Cohen)	Spring 2016

- Microeconomics (by Brian Kovak)   Fall 2015

Statistics & Machine Learning
- Introduction to Machine Learning (by Roni Rosenfeld)   Spring 2016
- Hidden Markov Models (by Jordan Rodu)   Spring 2016
- Unstructured and Big Data (by Dokyun Lee)   Spring 2016
- Intermediate Statistics (by Larry Wasserman)   Fall 2016
- Statistical Theory for Social and Policy Sciences (by Amelia Haviland)   Fall 2015

SERVICE   Ad-hoc reviewer for: Conference on Information Systems and Technology (CIST), International Conference in Information Systems (ICIS).

SKILLS   Python, Ruby, Matlab, SQL, MongoDB

REFERENCES   **Kannan Srinivasan (co-chair)**
                H.J. Heinz II Professor of Management, Marketing and Business Technologies
                Tepper School of Business
                Carnegie Mellon University
                kannans@cmu.edu

                Param Vir Singh (co-chair)
                Professor of Business Technologies and Marketing
                Tepper School of Business
                Carnegie Mellon University
                psidhu@cmu.edu

                Yan Huang
                Assistant Professor of Business Technologies
                Tepper School of Business
                Carnegie Mellon University
                yanhuang@cmu.edu