DAWEI "DAVID" WANG

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Research Interest	My research aims to theoretically and empirical evaluate and improve fairness and interpretability in deep-learning and decision-making. Theoretically, my approach is to apply social and evolutionary psychology and sociology. Empirically, I employ and evaluate techniques in machine learning, deep learning and adversarial machine learning.
Education	Ph.D. Management and Organizations, Northwestern University (June 2022 Expected) M.Sc. in Management and Organizations, Northwestern University (June 2019) B.BA. (with Honors), National University of Singapore (July 2014)

Published Papers	**Wang, D.**, Nair, K., Kouchaki, M., Zajac, E., & Zhao, X. (2019). A Case of Evolutionary Mismatch? Why Facial Width-to-Height Ratio May Not Predict Behavioral Tendencies. *Psychological Science* (Vol 30; p. 1074-1081).
Invited for Revision	**Wang, D.**, Presentation in Self-Posted Facial Images Can Expose Sexual Orientation; Implications for Research and Privacy. (Second round review at *Journal of Personality and Social Psychology*). Ma. A., Chun. JS., **Wang, D.**, & Zhao, X. A Conscientious Leader or a Conscientious Asian? Perceived Conscientiousness is Less Strongly Tied to Leadership Evaluations for Asians Americans (Review and resubmit at *Journal of Applied Psychology*).
Under Review	**Wang, D.**, Rahman, H. Algorithmic Face-ism: Uncovering and Mitigating Algorithmic Bias in Decision-Based Facial Recognition Systems. (Reject and resubmit at *Management Science*).
Working Papers	**Wang, D.**, Zhao, X. Evaluation of the Generalizability of Deep Learning Algorithm on Predicting Interview Outcomes Using Videos. **Wang, D.**, From Black Box to Magic Box; Using Deep Learning to Predict Behaviors Leads to Misinterpretation. **Wang, D**., Sengupta, A., & Savani, K. 1 + 10 ≠ 11: The Cancellation of Pseudo-Identical Components in Intertemporal choice.

Presentations	**Wang, D.**, & Rahman, H., Algorithmic Face-ism: Uncovering and Mitigating Algorithmic Bias in Decision-Based Facial Recognition Systems. *Special Session at Association for Consumer Research*, October 2021.
	Wang, D., & Rahman, H., Algorithmic Face-ism: Uncovering and Mitigating Algorithmic Bias in Decision-Based Facial Recognition Systems. *Paper Presentation at the Academy of Management*, August 2021.
	Wang, D. (Organizer), & Kosinski, M., Matz, S., & Khambatta, P., AI and Algorithmic Decision Making: Exploring Their Promises, Perils, And Pitfalls. *Symposium at the Academy of Management*, August 2021.
	Wang, D., Fit to Lead: A Dual-Path Model of Physical Exercise and Implications for Leadership. *Seminar at School of Management Zhejiang University*, Hangzhou China, June 2019.
	Wang, D., & Song, Z. Workshop in Social Science Series; Big Data Analysis using Social Networks, Agent Based Modeling and Natural Language Processing. *Invited Seminar at Peking University; School of Psychology and Cognitive Sciences*, March 2019.
	Wang, D., & Savani, K. 1 + 10 ≠ 11: The Cancellation Heuristic in Intertemporal Choice, *Society for Personality and Social Psychology Conference (Poster Submission) at San Antonio, USA*, March 2017.
	Nair, K., **Wang, D**., & Kouchaki, M. Who's a Top Dog? How Physical Characteristics Affect the Status of Corporate Elite (Presentation), *Paper Presentation at Strategic Management Society*, October 2017.

Teaching Experience	2018-2020	Teaching assistant for Social Dynamics Networks Analysis Hyejin Youn
	2018	Teaching assistant for Leadership Fundamentals by Nicholas Pearce
	2017	Teaching assistant for Negotiations by Nicholas Pearce

Academic Experience	2016	Research assistant for Zhaoli Song, National University of Singapore
	2014	Data collection for Jason Shaw, Hong Kong Polytechnic University

Research / Computing Skills	Machine learning (Python, Tensorflow backend)
	Statistical analysis (Stata)
	Web development (HTML, CSS, SASS, Bootstrap, JavaScript, Django, Adobe Illustrator)