Joe Zhang

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Education

PhD, Stanford University   2023 – present
Graduate School of Business
Concentration: Technology and Organizational Behavior

BS, Princeton University   2020
School of Engineering and Applied Science
Concentration: Electrical Engineering
Minor: Applications of Computing
Thesis: *LEADD: Learning Efficient and Accurate Disease Diagnoses*

Working Papers

Prompt Adaptation as a Dynamic Complement in Generative AI Systems (with Eaman
Jahani, Benjamin S. Manning, Hong-Yi TuYe, Mohammed Alsobay, Christos Nicolaides, Siddharth
Suri, and David Holtz) (Revise & Resubmit at Information Systems Research)

- Presented at: *2023 MIT Conference on Digital Experimentation (CODE), 2024 World Bank Measuring Development Conference (MeasureDev), 2024 Wharton AI and the Future of Work Conference, 2024 MIT CODE, 2024 INFORMS Annual Meeting, 2024 Yale Conference on Artificial Intelligence, Machine Learning, and Business Analytics, and 2024 Workshop on Information Systems and Economics (WISE)*

**Coordination Among Humans Moderates the Impact of Autonomous Agents on Team
Performance** (with Julien Clement, Helge Klapper, and Kara Luo) (in preparation for submission)

**How Evaluations are Shaped Through Interaction: Evidence from Software Engineering
Interviews** (with David Holtz, Sanaz Mobasseri, and Janet Xu) (additional data analysis and writing)

- Presented at: *2024 Oxford Reputation Symposium, 2025 Berkeley Culture Connect Conference, 2025 Academy of Management Annual Meeting*

Peer-Reviewed Publications

**MHDeep: Mental Health Disorder Detection System Based on Wearable Sensors and
Artificial Neural Networks** (with Shayan Hassantabar, Hongxu Yin, and Niraj K. Jha), in *ACM
Transactions on Embedded Computing Systems (TECS)*, 21(6): pp. 1-22, November 2022.

Reproducing Key Results from "Restructing Endpoint Congestion Control" (with Tushar
Dhoot), in *Workshop on Benchmarking Cyber-Physical Systems and Internet of Things (CPS-IoTBench)*,
pp. 17-21, May 2022.

Other Professional Experience

Software Engineer   Palo Alto, CA
Glean Technologies, Inc.   2021 – 2023

Data Scientist Intern   Shanghai, China
Xiaohongshu (RedNote)   Summer 2019

Machine Learning Research Intern   Hong Kong

Hong Kong Applied Science and Technology Research Institute (ASTRI)   Summer 2018

Awards and Honors

Jaedicke Merit Award, *Stanford University Graduate School of Business*   2023

Hisashi Kobayashi Prize in Computing, *Princeton University*   2020

Shapiro Prize for Academic Excellence, *Princeton University*   2018

Teaching

Stanford University
Teaching Assistant
HRMGT 210: Org 2.0: The Analytics of Organization Design (Spring 2025)

Princeton University
Teaching Assistant
ELE 201: Information Signals (Spring 2019, Spring 2020)
COS 306: Contemporary Logic Design (Autumn 2019, Autumn 2020)
ELE 308: Electronic and Photonic Devices (Autumn 2019)
ELE 203: Electronic Circuit Design (Spring 2019)
COS 217: Introduction to Programming Systems (Spring 2018)

Additional

Technical expertise: research and experiment design, big data processing and analysis, software engineering (full-stack, backend, and infrastructure), machine learning, generative AI

Skills: Python, Java, Go, C/C++, TypeScript/JavaScript, HTML/CSS, SQL, R, Stata

Languages: English (native), Mandarin Chinese (native), French (beginner)

Nationality: Canadian