

Ang Xu

angxu@berkeley.edu | 734-7736-153 | Berkeley, CA

EDUCATION

University of California, Berkeley <i>Ph.D. in Industrial Engineering and Operations Research</i> • Advisor: Chiwei Yan	<i>Berkeley, CA</i> 2023 – Present
University of Michigan <i>M.S. in Data Science</i> <i>B.S.E. in Data Science</i>	<i>Ann Arbor, MI</i> 2021 – 2022 2019 – 2021
Shanghai Jiao Tong University <i>B.E. in Electrical and Computer Engineering</i>	<i>Shanghai, China</i> 2017 – 2021

RESEARCH INTERESTS

Data-driven Modeling and Optimization, Machine Learning, Transportation and Logistics Systems, Queueing Theory

PUBLICATIONS

Xu, Ang and Yan, Chiwei. Dispatching and Pricing in Two-Sided Spatial Queues. Accepted at *Transportation Science*.

Xu, Ang and Yan, Chiwei and Goh, Chong Yang and Jaillet, Patrick. A Locational Demand Model for Bike-Sharing. *Manufacturing & Service Operations Management*, 27(3): 897-916, 2025.

Xu, Ang and Cai, Tianzhang and Shen, Dinghao and Wang, Asher. Food Odor Recognition via Multi-step Classification. *arXiv preprint arXiv:2110.09956*, 2021

WORK EXPERIENCES

Amazon Applied Scientist Intern	2026
University of California, Berkeley Graduate Student Instructor in Optimization Analytics, Transportation Analytics, Financial Engineering	2024 – 2026
Undergraduate Education Office of SJTU Teaching Assistant in Linear Algebra	2020 – 2021
Southwest Securities Quantitative Analyst Intern	2020 – 2021

SKILLS

Programming Languages:	Python / C / C++ / R / SQL / MATLAB / JavaScript
Software:	LaTeX / Word / Excel / Jupyter
Libraries:	NumPy / SciPy / Pandas / Matplotlib / Pytorch / CVXPY

HONORS AND AWARDS

• Outstanding Graduate Student Instructor Award	2026
• Finalist, Best Applied Paper, INFORMS Workshop on Data Mining and Decision Analytics	2023
• Transportation Science and Logistics (TSL) 2023 PhD Student Travel Award	2023
• James B. Angell Scholar, University of Michigan	2021
• Dean's List, University of Michigan	2020
• Undergraduate Academic Excellence Scholarship, SJTU	2018