

MINGFEI CAI

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Human Centered Urban Informatics Lab, The University of Tokyo

Komaba 4-6-1, Meguro, Tokyo, Japan

EDUCATION

Doctor of Philosophy , The University of Tokyo Graduate School of Engineering	Expected 2025
Master of Engineering , The University of Tokyo Graduate School of Engineering	2021
Bachelor of Engineering , Tongji University College of Civil Engineering	2018

PUBLICATIONS

- Simulating Human Mobility with Agent-based Modeling and Particle Filter Following Mobile Spatial Statistics
Mingfei Cai, Yanbo Pang, Takehiro Kashiya and Yoshihide Sekimoto
International Conference on Advances in Geographic Information Systems (SIGSPATIAL), 2021
- Spatial Attention Based Grid Representation Learning For Predicting Origin–Destination Flow
Mingfei Cai, Yanbo Pang and Yoshihide Sekimoto
IEEE International Conference on Big Data (IEEE BigData), 2022

EXPERIENCE

- Teaching Assistant: Geographic Information Systems

HONORS AND AWARDS

- UEDA Memorial Foundation Scholarship (2019 - 2024)
- Student Travel Award in IEEE BigData 2022

SKILL

- Programming Language: Python, Java, C++
- Framework Experience: PyTorch, PyTorch Geometrics, Gits, AWS
- Language: Chinese (Native), English (Fluent), Japanese (Intermediate)