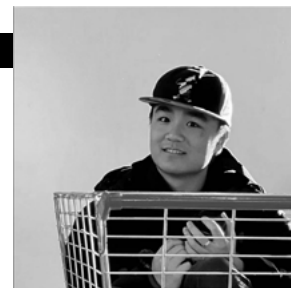


Yifeng LIU

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08.2023 – Present

EDUCATION

Department of Urban Studies and Planning, MIT, USA

Master of City Planning, in City Design and Development domain

School of Architecture, Tsinghua University, PRC

Bachelor of Architecture, research area in urban informatics

09.2018 – 06.2018

WORK EXPERIENCE

COFCO China National Cereals, Oils and Foodstuffs Corporation

Business Development Internship (South China Baoan Division) | Land bidding indicator calculation

05.2020 – 07.2020

PAO People's Architecture Office

Architecture Design Internship (Beijing Office) | Construction design

06.2021 – 08.2021

CityDNA CityDNA Technology

Data Analysis Internship | Urban health check algorithm development, Pinsurvey platform data analysis

06.2022 – 08.2022

Academic experience & Awards

Urban Informatics Group led by Prof. Yuan Lai, SATU

Research Assistant | Urban running track database mining and maintenance, urban mobility computing

02.2022 – Present

Urban Aesthetics Research Group led by Prof. Hui Wang, SATU

Research Assistant | Computer vision computing, Web navigation system development

02.2020 – 08.2021

Solar Decathlon China 2021

Communication Group Leader of Team THU | Architectural design and film production

06.2020 – 07.2022

China Mathematics Olympiad 2017 – Third Prize

One of the members of the Guangdong Provincial Team

11.2017

PUBLICATION

Computing Places and Human Activity in Data-absent Informal Urban Settlements

Y. Lai and Y. Liu, 2022 IEEE International Conference on Pervasive Computing and Communications Workshops and other Affiliated Events (PerCom Workshops), 2022, pp. 478-483,

Investigating the Impact of Perceived Micro-Level Neighborhood Characteristics on Housing Prices in Shanghai

Song, Q.; Liu, Y.; Qiu, W.; Liu, R.; Li, M. Land 11.11 (2022): 2002.

Do Vibrant Places Promote Active Living? Analyzing Local Vibrancy, Running Activity, and Real Estate Prices in Beijing

Lai Y, Li J, Zhang J, Yan L, Liu Y. International Journal of Environmental Research and Public Health 19.24 (2022): 16382.

Analyzing jogging activity patterns and adaptation to public health regulation

Liu Y, Lai Y. Environment and Planning B: Urban Analytics and City Science, 0(0). <https://doi.org/10.1177/23998083231193484>

SKILLS

Language: Computing: Python, C, C++, PostgreSQL, R, Javascript, HTML; Communicating: English and native Chinese.

Technology skills: Geopandas, Tensorflow, Skicikit-learn, PostgreSQL, MongoDB... ..

Design, Construct & Graphic: Adobe Design Suite, QGIS, Rhino, AutoCAD, V-ray, Enscape, figma, wooden construct, 3D print... ..

... .. for more info >>> lauihong.github.io