

Jiaqi Wang

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SKILLS

Research:

-Quantitative: Excel, Stata, SPSS, Python
-Geospatial: QGIS/ArchGIS
-Qualitative: Survey, Case Study

Architecture & Urban Design

-AutoCAD, Rhino+Grasshopper, Sketchup, Revit
-Lumion, Enscape, Vray
-Procreate and Hand-drawing.

Documentation & Visualisation:

-Microsoft Office: Excel, Word, Powerpoint
-Adobe Illustrator, Indesign, Photoshop, Premiere

Systemic Design

-Systemic Thinking and Data Literacy
-Design Thinking and What-if mindset

Language:

English, Mandarin, German(A2-B1) Japanese(N5)

Teamwork and Collaboration

-Interdisciplinary communication and adaptability.
-Time-management and Multitasking

EDUCATION

Oct.2022 -Present

University of Cambridge United Kingdom

Mphil Planning, Growth and Regeneration
Grade: 73/100 (in First Semester)

Aug.2020-Jul.2022

Technical University of Delft, Netherlands

MSc Architecture, Urbanism and Building Sciences | Track: Urbanism
Honor: Master of Science *Cum Laude*
Grade: 8.58/10

Sep.2015-Jul.2020

Tongji University China

Bachelor of Architecture
Grade: 4.87/5.0 (Top3%)
Award: *Outstanding Graduates of Tongji University*

Mar.2019-Jul.2019

Technical University of Munich, Germany

Exchange Programme

FEATURED RESEARCH PROJECTS

Dec.2022-Present

Transit-Induced-Genetrification? Measure the socio-economic impact of Rail Network Improvement on East London's Neighbourhoods

Mphil Dissertation at University of Cambridge
Conducting Difference-in-differences and K-mean cluster analysis and quantifying the level of gentrification and displacement induced by the development of transportation projects via QGIS, Stata and Python

Mar.2019-Dec.2019

"Regional Urbanisation through Accessibility? —The "Zweite Stammstrecke" Express Rail Project in Munich"

Research Project at Technical University of Munich
Developed a Transit-Oriented Development analysis tool for the Munich Metropolitan Region with other team members by performing quantitative research in QGIS and Excel. Result Published on Urban Science: <https://doi.org/10.3390/urbansci4010002>

Aug.2021-Jul.2022

Live with Water: A sustainable water-oriented urban development pattern Master Thesis at TU Delft

A systemic design project based on research and benchmarking on water safety, water quality and water quantity. Developed a stakeholder-engagement toolbox for future sustainable planning, which is further tested in the pilot study area.

Available at: <http://resolver.tudelft.nl/uuid:ec611a54-07c1-4801-9bbd-2d4afd8ac120>

Feb. 2021-Apr.2021 **Liv/fe Transition: to a healthy agriculture sector with livestock as an integral part of life**
 Circular Strategies for the Global Metropolis
 An integrated framework for energy-transition and a circular agrifood sectors, by encouraging local production and promoting diet transition among consumers.
 Available at: <http://resolver.tudelft.nl/uuid:95a96a98-3ec6-4857-b1d3-48089b326c4d>

PLANNING AND URBAN DESIGN PROJECTS

Apr.2021 -Jul.2021 **Hybrid Networks: Great Bay Area 2030 and Beyond**
 Joint Spatial Planning Project between TU Delft and The Hong Kong PolyU
 Developed spatial strategy for the Great Bay Area to foster a green and inclusive future

Oct.2020.-Jan.2021 **Seeing Energy: Regeneration of TU Delft Power Station**
 Designing Urban Environmental Studio
 Rethinking the role of energy in the built environment (final mark of 9.0 out of 10)

Feb.2020.-Jul.2020 **Boundless Zhang Garden,**
Urban Regeneration for the West Nanjing Road District
 Bachelor's Project at Tongji University
 Created regeneration strategy for a historical inner-city district in Shanghai
Gold Award of academic year 2020 in China Living Environment Design Competition.

Feb.2018-Jul.2018 **Urban “Umbrella”? Commercial Complex at Sichuan Road**
 Urban Design Studio at Tongji University, top 2 design project in the third-grade exhibition, received architecture social media column interview and coverage

Oct.2018-Jan.2019 **Co-living, Co-learning: Tongji Student Housing**
 Residential Complex Design Studio at Tongji University (final mark 5.0 out of 5.0)

EXPERIENCE

Apr.2023-Present Volunteer Publishing Assistant - **Urban Eye** – London
 -Improve the project documentation system and produce social media contents

Apr.2023.-Present Volunteer Facilitator - **East London Waterworks Park** – London
 -Members of design and inclusivity circle, participate in design workshop and research

Sep.2018-Dec.2019 Urban Design and Architect Intern - **Original studio** – Shanghai

Sep.2017-Jul.2018 Visualization Team Coordinator - **CAUP Student Union** – Shanghai
 -Coordinated visual design and media production for student activities

EXTRACURRICULAR ACTIVITIES

Mar-April 2023 Climate & Sustainability Virtual Experience Program – Boston Consulting Group (Online)

Aug.2021 Student Workshop in 16th International DOCOMOMO Conference, Tokyo (Online)

Mar.2018-Jan.2019 Member of VR/AR group in Tongji University

Aug. 2017 Ruth& Arthur Scherbarth Foundation Art History Workshop ‘Power and Representation’