# ZHONG Weijing

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## EDUCATION

**National University of Singapore**, Singapore                          Aug. 2024 – present(expected Aug 2025)
- Master of Science in Applied in GIS | GPA: 4.5/5.0
- Relevant courses: Spatial Data Science, Spatial Programming, Internet GIS, Remote Sensing

**Tongji University**, Shanghai, China                                        Sept. 2014 – Mar. 2017
- Master of Engineering in Town and Country Planning | GPA: 86.07/100 (top 5%)
- Thesis: Classification and Characteristics of Urban Activity Space in Central Shanghai Based on Cell Phone Data
- Awards: Outstanding Graduate in Shanghai (top 5%), National Scholarship (top 5%)

**Nanjing University**, Nanjing, China                                          Sept. 2009 – Jul. 2014
- Bachelor of Engineering in Urban Planning | GPA: 91.2/100 (top 1%) | Minor: Economics

## INDUSTRIAL EXPERIENCE

**Senior Urban Planner**, Hangzhou City Planning and Design Academy, China        Nov. 2024 – present
- Directed the Hangzhou Green Space Planning from bidding, site investigation, reporting, and implementation.
- Designed a four-tier park system, planning over 300 urban parks covering over 100 square kilometers, ensuring integration of land use and sustainable development.
- Facilitated park implementations by guiding detailed plans, achieving the implementation of over 260 parks.

**Urban Planner**, Hangzhou City Planning and Design Academy, China              May 2017 – Nov.2024
- Formulated strategic planning for the 235-kilometer Cultural and Artistic Corridor of Qiantang River, by developing mid-term spatial and industrial strategies and frameworks in collaboration with key stakeholders.
- Developed the Yungu Innovation Space Plan to optimize land use, fostering a collaborative innovation ecosystem that bridges universities, institutes, and enterprises while accelerating innovative project development.
- Planned public service facilities—including education, cultural, and sports amenities—to enhance accessibility and urban livability, leveraging GIS-based spatial analysis to inform planning decisions.
- Conducted detailed plans that guided land parcel release, supporting effective plan implementation.
- Garnered nine provincial or municipal-level awards for outstanding urban planning projects.

## ACADEMIC EXPERIENCE

*Published 12 journal articles (2 in English, 10 in Chinese) and 11 conference papers (2 in English, 9 in Chinese).*

**Academic Projects in National University of Singapore**                              2024 – 2025
- Evaluated the spatial equity of park provision in Singapore using the AHP method and GIS tools.
- Analyzed wildfire susceptibility and vegetation cover change in Butte, USA, using Remote Sensing data and Boosted Regression Tree model.

**Research Project of Hangzhou Municipal Bureau of Garden and Cultural Relics**        2021 – 2022
- Developed a transmission framework for specialized green space planning to detailed planning; outcomes were officially issued by the government, enhancing planning implementation efficacy.
- Disseminated research findings through publishing in academic journals and presentations in academic forums.

**Science Programme of Shanghai Science and Technology Commission**                    2016 – 2019
- Designed an indicator system to evaluate Shanghai's built environment (work, living, transport, and entertainment) using cell phone data, supporting data-driven planning policies.
- Disseminated research findings through publishing in two academic journals and presentations at international academic meetings.

## CERTIFICATES AND SKILLS

**Professional Qualifications:** Certified Urban-Rural Planner (China), Registered Consulting Engineer (China)
**Technical Skills:** Urban Planning (AutoCAD, SketchUp, Adobe Suite, MS. Office), Geospatial Analysis and GIS Technologies (ArcGIS, QGIS, Python, R), Web GIS Technologies (HTML, CSS, ArcGIS JavaScript API).