Yulin Cheng

chengyulin0829@163.com | Tel: +86-13535509926

Personal Web page: sunnyrain.me

Personal QR code

EDUCATION

Shenzhen University (Expected) Sep**.** 2023 - Jun. 2026

Master of Urban and Rural Planning │ GPA: 3.5 / 4.0 │ Average Score: 87 (No.4)

- Research interests: Safe and resilient cities, Sustainable cities and spatial governance, Machine learning

South China University of Technology Sep. 2018 - Jun. 2023

Bachelor of Urban and Rural Planning │ GPA: 3.53 / 4.0 │ Average Score: 85

- Foundations of Computer: 91 (No.1), Urban GIS: 91 (No.1), Urban Geography and Regional Planning: 92 (No.1), Urban and Rural Planning: 91 (No.2), Design Studio: 88, Social Survey: 88, History of Urban Development: 89.

PUBLICATION

[1] **Yulin Cheng**, Tao Ma, Xinyue Gan, Xiaochun Yang. Collection of award-winning works in the Chengyuan Cup Planning Decision Support Model Design Competition[M]. Beijing: China Architecture & Building Press, 2025. (Forthcoming)

[2] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang*. Assessing Urban Residential Vulnerability through Mobility Data and Machine Learning: Insights from Shenzhen's Extreme Rainstorm Event, 2025. Manuscript submitted for publication in *Sustainable Cities and Society*.

[3] **Yulin Cheng**, Xiaochun Yang, Xinyue Gan*. Identification of Vulnerable Urban Residential Areas Based on Disruptions in Resident Mobility Patterns under Rainstorm Scenarios and Its Planning Implications: Taking Shenzhen as a Case, 2025. *Urban Planning Forum.* (Revision Submitted)

[4] Tao Ma, **Yulin Cheng**, Xiaochun Yang, et al. Collection of award-winning works in the Chengyuan Cup Planning Decision Support Model Design Competition[M]. Beijing: China Architecture & Building Press, 2025. (Forthcoming)

[5] Licong Xing, Tao Ma*, **Yulin Cheng**, Liuqingqing Yang, Xinge Zhang. Exploring the Radiation Effect and Typological Characteristics of Innovative Spaces in Technology Transfer: Evidence from the Guangdong-Hong Kong-Macao Greater Bay Area, 2025. *Habitat International.* (Revision Submitted)

[6] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang*. The 18th International Association for China Planning (IACP), Hangzhou, Jul. 2024. (Oral)

[7] **Yulin Cheng**, Xinyue Gan*, Xiaochun Yang. The 4th Spatial Information Industry and International Standard Conference (SIIS), Shenzhen, Dec. 2024. (Oral)

[8] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang*. The 5th International Conference for Urban Climate and Urban Design, Chongqing, Jun. 2025. (Oral)

[9] **Yulin Cheng**, Xinyue Gan*, Xiaochun Yang. The 19th International Association for China Planning (IACP), Xiamen, Jul. 2025. (Oral)

RESEARCH EXPERIENCES

Fund Application │ National Natural Science Foundation of China project, Shenzhen, China Jan. 2025-Mar. 2025

- Multi subject collaborative mechanism and strategy optimization for urban renewal aimed at enhancing resilience.
- Responsible for the "Project Basis and Research Content" section, systematically sorting out the theoretical basis and research status of urban renewal and resilience characteristics, laying a scientific foundation for the project.
- Lead the design of the overall technical roadmap, integrate multi-source spatiotemporal data and deep reinforcement learning technology, and construct a dynamic decision-making and resilience feature evolution model for urban renewal.
- Innovation in promoting the optimization of urban renewal strategies and intelligent decision-making.

Shenzhen Philosophy and Social Sciences Planning Project, Shenzhen, China Feb. 2025-Jun. 2025

- Identification, evolution mechanism and governance of urban village community types in Shenzhen based on location big data under the background of changes in the structure of migrant population.
- Organize data on the spatial environment and socio-economic attributes of urban villages, providing key data support for community type identification and evolution mechanism analysis.
- The research results help reveal the governance optimization path of urban villages under the background of changes in the structure of the migrant population.

SRP project｜Undergraduate Research Plan, Guangzhou, China   Dec. 2019-Jun. 2020
- Researched on the impact of online shopping on commercial space.
- Designed the questionnaire, conducted personal interviews, analyzed the data in the later stage.
- Participated in writing the research report, passed the institute-level review and acceptance.

Activity on Three Kinds of Going to the Countryside｜Zhaoqing, Guangdong, China   Sep. 2021-Dec. 2021
- The planning and design project of rural revitalization and homestead reconstruction in Deqing County.
- Entered the villagers' homes to understand the current situation and demands of traditional villages.
- Combining folk culture, provided innovative ideas for rural development and carried forward rural characteristics.

Internship｜Shenzhen Urban Planning and Design Institute Co., Ltd, Shenzhen, China   Sep. 2025-Nov. 2025
- Participate in the overall planning and research project of OCT area, and be responsible for carrying out the thematic assessment of digital insight.
- Using mobile signaling data to analyze the behavior rules and differences of leisure activities between local residents and foreign tourists, and provide data support for planning and decision-making.

Internship｜Architectural Design and Research Institute of SCUT Co., Ltd, Guangzhou, China   Feb. 2022-Jun. 2022
- Special Research on Urban Renewal Based on Stock Database and Urban Renewal Benefit Database.
- Established the evaluation system of various types of land and various indicators of performance evaluation.
- Determined the index weight of each factor through analytic hierarchy process (AHP).

Internship｜Hansenberg International Design Group, Guangzhou, China   Jul. 2021-Sep. 2021
- Conducted the planning and design project of the commercial and residential plot of Wuyi Square in Hubei Province.
- Carried out scheme design, model production, real-time statistics of economic and technical indicators.

HONORS AND AWARDS

- **2nd Prize |** the 9th Chengyuan Cup Planning Decision Support Model Design Competition, First Author   Jul. 2025
- **2nd Prize |** the 9th Chengyuan Cup Planning Decision Support Model Design Competition, Second Author   Jul. 2025
- **Single award of community service and voluntary action |** LA Pioneer Award-the 21st National University landscape design graduation exhibition, First author   Nov. 2025
- **3rd Prize |** the 7th National College Students' Rural Planning Competition, Fourth author, Group Leader   Dec. 2024
- **Winning Prize |** the 6th National College Students' Rural Planning Competition, Second author   Dec. 2023
- **Winning Prize |** the 23rd Asian Design Award, First author   Nov. 2025
- **Winning Prize |** the 15th IDEA-KING-AWARD, Fourth author, Group Leader   Nov. 2025
- **Winning Prize |** the 16th Yuanye Cup International Competition for College Students, Third author   Sep. 2025
- **Outstanding Student Report Award |** the 4th SIIS, First Author   Dec. 2024
- SZU **2nd-Class** Scholarship for Master's Students, 2024; **1st-Class** Scholarship for Master's Students, 2023
- SCUT **2nd Prize |** *Pubang* Scholarship of School of Architecture, 2022
- **Champion |** Principal Responsible Person of Top 10 classes on campus, 2021
- **Runner-up |** "Beijing Social Research" Hand-painted Competition of the School of Architecture, 2020
- Annual Outstanding Chinese Communist Party Member, 2021, 2022, 2024, 2025

EXTRACURRICULAR ACTIVITIES

DISCIPLINARY COMMITTEE | the Party Branch of the College for Undergraduate Students, SZU   Mar. 2024-Jun. 2025
CLASS PRESIDENT | Class 1, Urban and Rural Planning, School of Architecture, SUCT   Sep. 2019-Jun. 2023
MEMBER ORGANIZATION | the Party Branch of the College for Undergraduate Students, SUCT   Mar. 2021-Jun. 2023
FLAG RAISER | National Flag Guard Team, SUCT   Mar. 2019-Jun. 2020
MEMBER | Host team of the Institute of Architecture, SUCT   Sep. 2018-Jun. 2023

SKILLS & INTERESTS

Programming | Python, Matlab, R Studio, SQL
Mapping software | Auto CAD, Photoshop, Illustrator, InDesign, Origin, Midjourney
Modeling and rendering software | Sketchup, Rhinoceros, Grasshopper for Rhino, Lumion, Enscape, V-Ray
Analysis software | ArcGIS, QGIS, ArcScene, GeoDa
Language | Mandarin (Native), English (Fluent): CET 4, CET 6, College Entrance Examination: 138 / 150
Interests | Violin, Sketching, Calligraphy, Singing, Photograghy, Sports including basketball, table tennis and badminton.