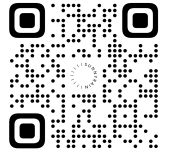


# Yulin Cheng

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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

- 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**, Xinyue Gan, Xiaochun Yang\*. Identification of Urban Vulnerable Residential Areas Based on Disturbance of Extreme Disasters to Residents' Travel Characteristics: A Case Study of "Sept.7th rainstorm" Event in Shenzhen, 2025. Manuscript submitted for publication in *Urban Planning Forum*.
- [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] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*. The 18th International Association for China Planning (IACP), Hangzhou, Jul. 2024. (Oral)
- [6] **Yulin Cheng**, Xinyue Gan\*, Xiaochun Yang. The 4th Spatial Information Industry and International Standard Conference (SIIS), Shenzhen, Dec. 2024. (Oral)
- [7] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*. The 5th International Conference for Urban Climate and Urban Design, Chongqing, Jun. 2025. (Oral)
- [8] **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.
- Theoretical and practical 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.
- Responsible for identifying the boundaries of urban villages and buildings in Shenzhen.
- 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.

<b>SRP project (Undergraduate Research Plan), Guangzhou, China</b>	Dec. 2019 - Jun. 2020
<ul style="list-style-type: none"> <li>• Researched on the impact of online shopping on commercial space.</li> <li>• Designed the questionnaire, conducted personal interviews, analyzed the data in the later stage.</li> <li>• Participated in writing the research report, passed the institute-level review and acceptance.</li> </ul>	
<b>Activity on Three Kinds of Going to the Countryside, Zhaoqing, Guangdong, China</b>	Sep. 2021 - Dec. 2021
<ul style="list-style-type: none"> <li>• The planning and design project of rural revitalization and homestead reconstruction in Deqing County.</li> <li>• Entered the villagers' homes to understand the current situation and demands of traditional villages.</li> <li>• Combining folk culture, provided innovative ideas for rural development and carried forward rural characteristics.</li> </ul>	
<b>Hansenberg International Design Group. Internship, Guangzhou, China</b>	Jul. 2021 - Sep. 2021
<ul style="list-style-type: none"> <li>• Conducted the planning and design project of the commercial and residential plot of Wuyi Square in Hubei Province.</li> <li>• Carried out scheme design, model production, sunshine interval analysis.</li> <li>• Real-time statistics of economic and technical indicators.</li> </ul>	
<b>Architectural Design and Research Institute of SCUT Co., Ltd. Internship, Guangzhou, China</b>	Feb. 2022 - Jun. 2022
<ul style="list-style-type: none"> <li>• Special Research on Urban Renewal Based on Stock Database and Urban Renewal Benefit Database.</li> <li>• Established the evaluation system of various types of land and various indicators of performance evaluation.</li> <li>• Determined the index weight of each factor through analytic hierarchy process (AHP).</li> </ul>	

## HONORS AND AWARDS

• <b>2nd Prize</b>   the 9th Chengyuan Cup Planning Decision Support Model Design Competition, First Author	Jul. 2025
• <b>2nd Prize</b>   the 9th Chengyuan Cup Planning Decision Support Model Design Competition, Second Author	Jul. 2025
• <b>3rd Prize</b>   the 7th National College Students' Rural Planning Competition, Fourth author, Group Leader	Feb. 2024
• <b>Silver Award</b>   the 22nd Asian Design Award, Second Author	Aug. 2024
• <b>Silver Award</b>   the 14th Idea-King Award, Second Author	Sep. 2024
• <b>Bronze Award</b>   the 4th Singapore Sands Art & Design Competition, Second Author	Oct. 2024
• <b>Outstanding Student Report Award</b>   the 4th SIIS, First Author	Dec. 2024
• <b>Winning Prize</b>   the National College Students' Rural Planning Competition, Second author, Group Leader	Feb. 2023
• <b>SZU 2nd-Class</b> Scholarship for Master's Students, 2024	
• <b>SZU 1st-Class</b> Scholarship for Master's Students, 2023	
• <b>SCUT 2nd Prize</b>   <i>Pubang</i> Scholarship of School of Architecture, 2022	
• <b>Champion</b>   Principal Responsible Person of Top 10 classes on campus, 2021	
• <b>Runner-up</b>   "Beijing Social Research" Hand-painted Competition of the School of Architecture, 2020	
• Annual Outstanding Chinese Communist Party Member, 2021, 2022, 2024	

## EXTRACURRICULAR ACTIVITIES

<b>DISCIPLINARY COMMITTEE</b>   the Party Branch of the College for Undergraduate Students, SZU	Mar. 2024 - Jun. 2025
<b>CLASS PRESIDENT</b>   Class 1, Urban and Rural Planning, School of Architecture, SUCT	Sep. 2019 - Jun. 2023
<b>MEMBER ORGANIZATION</b>   the Party Branch of the College for Undergraduate Students, SUCT	Mar. 2021 - Jun. 2023
<b>VOLUNTEER TEACHER</b>   Guangzhou library	Jun. 2021 - Aug. 2021
<b>FLAG RAISER</b>   National Flag Guard Team, SUCT	Mar. 2019 - Jun. 2020
<b>LEADER</b>   <i>Buling</i> , The hip-hop dance team of the Institute of Architecture, SUCT	Sep. 2020 - Mar. 2021
<b>MEMBER</b>   TEAM SUCT Design and Build Lab	Jun. 2019 - Jun. 2023
<b>MEMBER</b>   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
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   Sketching, Photography, Calligraphy, Singing, Violin, Sports including basketball, table tennis and badminton