

CHEN YINAN

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No.2 Sipailou, Xuanwu District, Nanjing, Jiangsu Province, China

EDUCATION

Southeast University | School of Architecture

- Master of Architecture, Supervised by Prof. Wang Jianguo 09/2021 – 06/2024 (Expect)
Overall Grade: 90.95/100, Ranking: 1/147
- Bachelor of Architecture, Graduated with Distinction 09/2016 – 06/2021
Overall GPA: 3.85/4.00, Grade: 88.18/100, Ranking: 10/89

Southeast University | School of Environment and Energy 06/2016 – 09/2015

RESEARCH INTERESTS & OBJECTIVE

- Interests: Urban informatics, urban analysis, urban perception, urban design
- Utilizing urban multi-source big data to quantitatively study the relationship between the built environment and people's behaviors to help promote human-centered urbanism

RESEARCH EXPERIENCE & ACADEMIC PROJECTS

Research on the Correlation between City Diversity and Urban Perception

Group leader, Supervised by Tu Han (MIT) 04/2023-08/2023

- Obtained the building façade images of Manhattan, utilized machine learning to predict architectural styles, conducted correlation analysis between built environment and urban perception
- Responsible primarily for the composition of the thesis

Research on the Regeneration of Dacang Based on Climate Data and Human Behavior

Major member, Supervised by Associate Researcher Li Li (Southeast University) 02/2022-08/2023

- Disseminated climate sensors to collect microclimate data of local residential areas, responsible for the maintenance, downloading and analysis of the microclimate data
- Led the traditional house renovation based on microclimate data.

2023 Internet+, Team of School of Architecture, Southeast University

Major member, Supervised by Associate Researcher Li Li (Southeast University) 09/2022-07/2023

- Supported the project with the technical processing of the climate data.
- Conducted the initial composition of the project proposal.

Urban Renewal Project in Xiaoqinhuai, Yangzhou, Jiangsu

Major member, Supervised by Prof. Wang Jianguo (Southeast University) 06/2022-

- Collected and analyzed historical and current context of the site, collected and analyzed POI data on the site, proposed functional requirements for the site.
- Responsible for urban design and Architecture design.

Research on Transportation Infrastructure Urbanization

Group member, Supervised by Postdoc. Yang Liu (Southeast University) 11/2021-02/2022

- Conducted on-site research, collected the current status of roads, visualized the data using QGIS.
- Collected English literature related to the theme and made basic literature review.

The 3rd Solar Decathlon China, Solar Ark 3.0 (Joint Team of SEU and ETH)

Group member, Supervised by Prof. Zhang Hong (Southeast University) 05/2021-08/2021

- Participated in on-site construction and responsible for personnel scheduling

PUBLICATIONS & MANUSCRIPTS

- [1] (*Accepted*) Chen Yinan, The Functional Transformation of Street Windows and the Construction of Urban Blocks: A Case Study of Shop Windows as Openings on the Street Facades, *The 2023 Annual National Urban Planning Conference of China*.
- [2] (*Accepted*) Chen Yinan, Research on Survey Methodology of Micro-Regeneration for Community Streets Based on Street View Images, *The 2023 Annual National Urban Planning Conference of China*.
- [3] (*Under Review-Abstract Accepted*) Chen Yinan, Jia Xibei, Tu Han, Ou Yiwei, Zhou Xinren, CITY DIVERSITY: HOW DO ARCHITECTURAL USES, AGES, AND STYLES AFFECT THE PUBLIC -- A case study in Manhattan through social media data, *ASCAAD 2023*.
- [4] (*Under Review*) Chen Yinan, Huang Xiaoran, Marcus White, A Study on Street Walkability for Elderly People with Different Mobility Abilities Combining Street View Image Recognition and Deep Learning, *Computers, Environment and Urban Systems*.

SELECTED HONORS & AWARDS

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| ● National Scholarship for Postgraduates (National-0.2%) | 2022 |
| ● First Prize Scholarship for Postgraduates (SEU-0.2%) | 2022 |
| ● The 3rd Solar Decathlon China Individual Award Excellent Student (National) | 2022 |
| ● Outstanding Graduates (Undergraduate) of Southeast University (SEU-0.5%) | 2021 |
| ● The 7th China Residential Environment Design Academic Year Award: Bronze | 2021 |

ADDITIONAL ACTIVITIES

Shenzhen Sengine Technology Co., Ltd. 09/2023-

Intern of AIGC algorithm

- Process image dataset and train AIGC models.

Architectural Design II (Studio Works) 9X9 Group 09/2022-06/2023

Teaching Assistant | Advisor: Dietmar Eberle, Zhu Yuan, Huang Xusheng, Guo Di, Song Yacheng

- Organized one international academic conference and dealt with daily student-related affairs

Students' Union of School of Architecture, Southeast University 10/2016-06/2020

Vice President, Minister of Volunteer Department, Vice Minister of Liaison Department

- Coordinated academic conferences, volunteer activities and school-enterprise/ school activities

SKILLS

- **Language:** English – Fluent (IELTS 8.0: R-8.5, L-8.5, W-6.5, S-7.5), Chinese – Native, Japanese – N2 (133/180), German – Daily Conversational
- **Software:** Sketch Up, CAD, QGIS, Stable Diffusion, Rhino, Grasshopper, Enscape, Lumion, Photoshop, InDesign
- **Programming:** Python – Familiar, Processing/JavaScript/Markdown – Basic
- **Other skills:** Photography, Piano, Cooking

REFEREES

- Wang Jianguo: Professor, Academia of Chinese Academy of Engineering (wjg-cw@seu.edu.cn)
- Huang Xusheng: Assoc. Professor (huang_xusheng@seu.edu.cn)
- Li Li: Assoc. Researcher (101012053@seu.edu.cn)