

Liwen Kang

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Education

Illinois Institute of Technology

Ph.D. of Architecture

Chicago, US
Aug. 2018 - Dec. 2023

Illinois Institute of Technology

Master of Landscape Architecture and Urbanism

Chicago, US
Aug. 2013 - May. 2016

Northwest University

Bachelor of Urban Planning

Xi'an, China
Sep. 2007 - Jul. 2012

Work Experience

Illinois Institute of Technology

Adjunct Professor

Chicago, US
Jan. 2023 - Current

- Prepared and delivered lectures and discussions to students and raised the environmental issues of major significance that designers face today, particularly as they relate to land, water, air, and energy.
- Provided the skills for students to observe, document, and analyze site conditions.
- Imparted an understanding of topography, site contours, site drainage, and grading design.
- Helped students to develop an understanding of site pedestrian and vehicular circulation systems.
- Prepared students to effectively respond to natural and built site characteristics in the development of an architectural concept, program, and design.
- Helped students to develop an understanding of technical, legal, regulatory, and ethical determinants in site design.

Illinois Institute of Technology

Teaching Assistant

Chicago, US
Aug. 2018 - Dec. 2022

- Prepared materials and assisted teaching for multiple courses, including Contemporary Urbanism, Introduction to Urbanism & Landscape Architecture Theory, and Environment & Building Systems.
- Assisted professors to present lectures on different urban and landscape design topics.
- Communicated with students both in person and via email.
- Graded all students' work, assignments, and tests.
- Made courses' portfolio.

Council on Tall Buildings and Urban Habitat

Publications & Production Assistant

Chicago, US
Jun. 2016 - Jun. 2018

- Supported the Production Coordinator in urban design/landscape architecture/architecture drawings, design diagrams, and concepts.
- Organized and coordinated various production needs and graphic design elements.
- Lent contributory and editing support across CTBUH publications, including books, journals, reports, and proceedings in the field of Landscape Architecture and Urbanism, Architecture, Urban Planning, and Sustainability.
- Contributed to research and developed content for *Tall Buildings in Numbers* studies, the annual *Year in Review* tall building retrospective, and other printed material.
- Contributed to editorial and proof of technical articles and publications in the field of Landscape Architecture and Urbanism, Architecture, Urban Planning, and Sustainability.
- Contributed to the Council's published outputs and production by verifying facts, dates, and statistics, using standard reference sources, and ensuring the highest final quality through detailed review.

Council on Tall Buildings and Urban Habitat

Chinese Initiatives and Research Assistant

Chicago, US
Nov. 2014 - May. 2016

- Provided support for teams and worked on various projects including publications, research, annual awards program, and website. Provided support with edit, research, layout, and graphics.
- Collected and analyzed data in research papers, such as *A Study of the Sustainability Implications of Differing Urban + Suburban Locations in Chicago*.

AECOM

Urban & Landscape Design Intern

Shanghai, China

Feb. 2013 - May. 2013

- Prepared site plans, site analysis, landscape plans, and diagram graphics on multiple landscape projects.
- Performed conceptual design, design development, and market analysis on multiple urban and landscape design projects.
- Generated drawings for digital presentations.
- Attended project meetings, workshop, and seminars both internally and with clients.
- Worked independently on design and production of plans.
- Worked on multiple projects simultaneously in order to meet project deadlines and client needs.

Atkins

Urban & Landscape Design Intern

Shanghai, China

Feb. 2012 - May. 2012

- Contributed to research, site analysis, case study, schematic design, and design development on multiple urban planning and landscape design projects.
- Created construction documentation, illustrating, and rendering on multiple urban planning and landscape design projects.
- Communicated with project team members and delivered the best possible outcomes.
- Managed time effectively and performed own work.
- Worked in teams to meet project deadlines and participated in office culture.

Xi'an City Planning & Design Institute

Urban Planning Intern

Xi'an, China

Jun. 2010 - Aug. 2010

- Visited projects sites to review and document conditions.
- Analyzed and visualized sites' natural and cultural conditions.
- Made documentation and detailing using AutoCAD.
- Prepared graphic representations of proposed plans using Adobe Photoshop, Illustrator, other software, and hand sketches.
- Participated in project meetings and performed other related duties as assigned.

Awards

Best Defended Dissertation Award

May. 2023

College of Architecture, Illinois Institute of Technology

2022 International Graduate Student Symposium (IGSS) Best Paper Award

Nov. 2022

IGSS Steering Committee, College of Architecture, Illinois Institute of Technology

Honor Award

May. 2016

Illinois Chapter of the American Society of Landscape Architects (ILASLA)

Publications

- Kang, Liwen. "General, Mental, and Physical Health Benefits of Tree Canopy Cover and Recreational Park in 77 Communities of Chicago, US." *Prometheus* 6 (2023): 68-71.
- Kang, Liwen. "The Impacts of Urban Green Spaces on Mental and Physical Health in Dense Urban Settings of Chicago." *The Routledge Handbook on Greening High-Density Cities: Climate, Society and Health* (2024).
- Kang, Liwen. "Do different types of Urban Green Spaces (UGS) affect urban residents' mental and physical health differentially? - A Cross-Sectional Study of Chicago Communities." *Abstract accepted in the 2024 EAAE-ARCC Conference 'Architecture into the Unknown'* (2024).

Skills

Adobe Creative Suite, Adobe Photoshop, InDesign, Illustrator, Microsoft Office Suite, AutoCAD, SketchUp, Rhino, GIS, Data Visualization and analysis, Urban Research, Teaching, Lecturing