

RUODI ZHANG

Contact

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Education

Bachelor Of Architecture: Iowa State University

- Head of Propaganda Department, Chinese Students and Scholars Association
- Chinese student event planning team members
- WAI Thinking Tank Exhibition Vietnam team members
- Venice Architecture Biennale Research and Curation team members

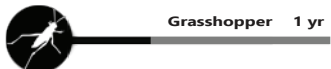
Master Of Advanced Architecture Design: Columbia University

- WAI Thinking Tank Digital Exhibition Team members

Skills



Premiere
AfterEffect
Dreamwaver
Lightroom
InDesign
Photoshop
Illustrator



Physical

Laser Cutting | FDM 3D Print | Wood Crafting |
Mold Casting (Concrete, Plaster, Resin, Wax)

Photograph | Interview

Language

Chinese | English

Statement

I graduated from Columbia University in 2023 after six months of internship experience. Since then I have worked as an Architectural Designer, participating in the full design process across project phases and adept at multitasking. I learn quickly and welcome new concepts and technologies; I can work independently or collaboratively. I obtained an H-1B in 2024, and transfers and extensions are not affected by recent regulations.

Experience

Nexus Architect

51-02 Roosevelt Ave. | Mix-used | Sunnyside, NYC

Fall 22

Mixed-use high-rise in Queens combining offices, a clinic, and residential units; features compact apartments targeted at young couples and small families.

- Adjusted design to comply with regulations and satisfy DOB requirements.
- Designed clinic and office spaces to meet regulatory requirements and ensured the solutions fulfilled project needs.
- Assisted team in producing other drawing sets and ensured efficient collaboration.

8 West 45 Street | Multifamily Residential | Student Accommodation

Spring 21

High-rise residential tower in central Manhattan offering over ten unit types to maximize market appeal; construction drawings have been approved by the DOB.

- Completed massing and unit adjustments under complex zoning requirements, ensuring legality and usability.
- Modeled interiors and ensured unit layouts met marketing and interior teams' requirements, maintaining fast, efficient communication.
- Performed energy analysis and prepared facade-related drawing sets, ensuring all packages were submitted to the DOB on time
- Collaborated on facade design and Revit family modeling using Revit, ensuring a complete, accurate model.

112 Liberty Street | Multifamily Residential | Mid-town Manhattan, NYC

Fall 20

High-rise mixed-use tower near the World Trade Center combining hotel and residential programs; constrained site required extreme space optimization.

- Led initial schematic and unit layouts in Revit, aligning design with owner, marketing, and interior teams' requirements.
- Developed appropriate massing to meet zoning and maximize allowable FAR, ensuring project compliance.
- Led initial facade design using Adobe Suite, Revit, and Rhino, ensuring efficient workflow.

Spring 20

35 West 14th Street | Multifamily Residential | Mid-town Manhattan, NYC

A 12-story luxury residential building — I managed the planning team's schedule and verified the project work details.

- Use Revit to complete zoning calculations, design interior unit layouts and public/common areas, and assist with facade modeling
- Use Revit and Google Sheets to prepare multiple rounds of architectural and energy drawing sets for submission to the DOB, respond to DOB objections, finalize the drawing set, and complete the AI-1 form
- Revise and refine the design multiple times based on comments from the marketing and interior design teams

Tetra Construction

Cost Estimator | Facade Material Programming | Communication and Calculation

Assisted as part of the contractor team in facade analysis and produced accurate cost estimates to align owner and fabricator information and ensure efficient communication.

- Calculated facade areas and prepared diagrams from owner-provided drawings, supplying accurate data for subsequent calculations.
- Communicated and coordinated repeatedly with owner and vendors to verify calculations, ensuring accuracy and efficiency.
- Created clear, user-friendly Excel tables meeting company standards to ensure readability.
- Provided variant data for different wall assemblies, fabrication, and installation methods to enable accurate owner decisions.

Internship

International Architecture Intern | Organization and Co-operation | Multi-projects

Summer 18

Participated more in **teamwork and time management**, and participated in more **group discussions** during this internship at the same time.

- Contributed to team in design process, resulting in innovative and functional spaces.
- Conducted site inspections, resulting in accurate project plans and successful completion.
- Worked together on the development of project construction documents, yielding a high-quality document set. (Assisted in completing details across various projects, contributing to both the initial and final phases of two projects.)
- Participated in reporting project progress to clients, effectively advancing the project.

Summer 19

International Architecture Intern | Building Code and Drawings | Architecture Project

Conducted for the drawing and post-production work, and had direct contact with the **construction documents** when participated in the internship for the second time.

- Contributed to field investigations, ensuring timely completion of projects. (Participated in scheme discussions and client conversations for 3 projects.)
- Coordinated communication between teams, ensuring efficient division of labor.
- Adjusted task progress to suit situation at hand, resulting in smooth project implementation. (Multi-tasking across multiple projects, involved in 20% of the drawing work for two small projects and a residential podium building through AutoCAD.)
- Assisted in completing necessary presentation preparations and ensured the accuracy of project displays.

Curation

WAI Thinking Tank | THE MET | Post-colonialism

Focuses on the MET's built environment and how the text of the exhibit's description places other cultures and visitors under **Western-centric values** to educate viewers.

- Produced post-colonial videos and exhibited them in Vietnam, reaching a wide audience.
- Provided valuable feedback on the MET's post-colonial perspective, contributing to diversity and inclusion discussions.
- Contributed to public web exhibition, showcasing innovative ideas and contributing to critical discourse.