

Jihoon Park

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Education

The Cooper Union, Irwin S. Chanin School of Architecture 09/2016 – 05/2023, New York, NY, USA
Bachelor of Architecture, Minor in Economics and Public Policies May 2023. GPA 3.6 / 4.0
Relevant Courses: Building Technology, Building Physics, Environmental Technology, Digital Fabrication

Work Experience

Walter P Moore New York, NY, USA
Computational Designer _ Structures 07/2023 – present

- Working on various stages of sports project from feasibility studies, structural analysis to documentation.
- Responsible for promoting computational methodologies in participating projects along with quantifying carbon embodiment of material usages in buildings as part of SE2050 using various computational software.

- Texas A&M University Commerce Center (Architect: Gensler) * New Construction * (SD)
- Rice University Athletic Masterplan (Architect: Populous) * New Construction * (Concept Design, SD)

Stantec Philadelphia, PA, USA
Computational Designer 08/2023 – 07/2024

- Worked on various stages of health care project from feasibility studies to construction documents.
- Responsible for adapting computational methodologies in participating projects along with promoting computational solutions upon request during various project phases.

- Children's Hospital Of Philadelphia (CHOP) * OR/Imaging renovation project * (SD, DD)
- Hamdan Bin Rashid Cancer Hospital (Dubai) * New Construction * (Concept Design, SD, DD, CD)

Hammerton Studio Remote
Parametric Pendant Designer 02/2023 – 07/2023

- Create a grasshopper script to parametrically design patterns for texture of glass blown lightings. The grasshopper script harnessed multiple fabrication variation such as curvature values, thickness of glass and mold making.
- Cooperate with glass fabricators to merge the aperture between parametric design on screen and physical fabrication in the real world. Products are currently available on the market.

SKM Architects Seoul, Korea
Façade Designer 07/2021 – 08/2022

- Participated on various stages of projects mainly in hospitality and workspace.
- Developed grasshopper/dynamo scripts that could universally applied in projects for avoiding repetitive works.
- Produced DD phase technical drawings of façade for 20 story high office building along with parametric scripting and simulation during façade studies.

- Korea Times HQ * New Construction * (SD, DD)

Museum of Modern Arts New York, NY, USA
Model Fabricator 01/2020 – 07/2020

- Responsible for fabricating architectural model of Steel corp HQ for MOMA's biannual architectural archive exhibition.

Office of III New York, NY, USA
Design Intern 06/2017 – 08/2017

- Participated in fabricating architectural model for MoMa PS1 competition. Fabrication contained various disciplines such as 3D printing, woodworking, and CNC milling.

Teaching Experience

LECTUS

Lecturer

Remote
02/2021 – present

- Published an online course for digital fabrication. Mainly for scripting parametric G-code and controlling robotic arm with Hal Robotics.

Feel.D

Lecturer

Remote
11/2023 – present

- Published an online course for Grasshopper beginners. Course covered basic concept of the software to real implementation of the project through examples.

OA LAB + PRAUD

Instructor for “Grasshopper/Dynamo in Architectural Workflow”

Seoul, Korea
02/2021 – 04/2021

- Instructed practitioners with implementing grasshopper/dynamo in their architectural workflow.
- Such implementation contained generative design, optimization, parametric design, document automation and data visualization.

Skills

CAD & Computation: Auto CAD, Rhino, Grasshopper, Revit, Dynamo, Rhino.Inside.Revit, Pollination

Rendering: Lumion, Twinmotion, Enscape, Vray, D5

Postproduction: Photoshop, Illustrator, Indesign, Premier

Fabrication: G Code, Hal Robotics, Fusion 360, Rhino CAM

Language: English, Korean

Exhibition

“House Vision, Agriculture”

[Interior graphics design on “meta-farm units”](#)

Jinchun, Korea
06/2022

“MoMa: Architecture of Decolonization in South Asia”

[Model fabrication and drawings on Steel Corp HQ by Geoffrey Bawa](#)

New York, NY
02/2022

“House of Poetics”

[Tensegrity installation in group exhibition](#)

Governor’s Island, NY
03/2019