

EDUCATION

Soongsil University | Mar 2018 - Feb 2024, Seoul, South Korea
Bachelor of Architecture; School of Architecture, Major in Architectural Design
Dual Major; Bachelor of Science in Electrical Engineering

Columbia University | May 2024 - , New York, United States
Master of Computational Design Practices, GSAPP

EXPERIENCE

Center for Spatial Research - Research Assistant

Jun 2024 - , New York, United States

- Contributed to the Cities of Bail project, which visualizes the practice of mortgaging property to secure bail across U.S.
- Developed and designed the project page using GIS and JavaScript, including data analysis and visualization

Making Studio - Making Studio Crew

Sep 2024 - , New York, United States

- Operated PLA and resin 3D printers for various design and fabrication tasks
- Assisted and guided projects using laser cutters and CNC machines

City Place Lab (CPLAB) - Research Assistant

Jan 2022 - Dec 2023, Seoul, South Korea (2 year)

- Conducted urban space analysis and data mapping related to autonomous vehicles, housing price prediction, and their impact on cities.
- Developed data-driven models, simulations, and 3D modeling for urban projects and competitions.

Samsung C&T Corporation - Architecture supporter

Mar 2020 - Mar 2022, Seoul, South Korea (2 year)

- Created and distributed architectural educational materials while organizing and managing events.
- Taught architecture classes both online and offline for students and non-majors.

Union of Architecture University students (UAUS) - President of Union(appointed)

Mar 2021 - Jan 2022, Seoul, South Korea (11 months)

- Presented and facilitated the agenda through the meeting
- Prepared and progressed pavilion exhibition on Nodeul island in Seoul

ACADEMIC PUBLICATION / PRESENTATION

Peer Reviewed Publication | May 2023

C. Park. & K. Kim. (2023). "Impact of Autonomous Vehicles on Urban Spatial Structure in Seoul Metropolitan Area: Focusing on Housing Price Distribution According to Changes in Travel Opportunity Cost." Journal of the Architectural Institute of Korea, Vol.39, No.5

- Collected residential environment data, wrote code for the analysis and conducted simulations

Peer Reviewed Publication | Nov 2022

C. Park., S. Jang., S. Lee., D. Park., & K. Kim. (2022). "The Characteristics and Types of Roundabouts That Consider Multi-level Development of Autonomous Roads: Comparison and Cluster Analysis by Living Sphere in Seoul." Journal of the Architectural Institute of Korea, Vol.38, No.11

- Supported comparison and cluster analysis of road roundabouts

AWARDS / HONORS

Seoul Biennale of Architecture and Urbanism Prize - 2023

Seoul 100-year Masterplan Exhibition Open Call for Proposals

Exhibition on Seoul Biennale at Seoul Urban Architecture Exhibition Hall, Aug 1 - Oct 29, 2023

Non Architecture Competition - 2022

Editorial Picks for Street of Tomorrow - Multi-level Development of Street Roundabouts

National Science & Technology Scholarship - 2021

2 years Full-Ride Scholarship for outstanding academic achievement in the STEM field

SKILLS AND SOFTWARES

Digital Programming

Python, Qgis, Zavascript, Arduino

3D Modeling

AutoDesk AutoCAD, Revit, Sketch up, Rhino 3D (Grasshopper)

Rendering / Visualization

Enscape, V-Ray, Lumion, Photoshop, Illustrator, InDesign, Premier Pro

Fabrication

3D Printing, Laser Cutting, CNC, Robotic Arm