MINSUP CHUNG

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I am passionate about exploring the mathematical principles of nature and applying these ideas to architectural design. By merging natural patterns with computational methods, I aim to create innovative, sustainable, and context-sensitive architectural solutions.

EDUCATION

KOREA UNIVERSITY 2016-2025
First Major : Bachelor of Architecture
Second Major : Bachelor of Science, Brain and Cognitive Sciences

COLUMBIA UNIVERSITY 2025-2026
Master of Science, Computational Design Practice
Selected Subject : Intro to Theoretical Neuroscience
Thesis : Topological Data Analysis of V1 Cortex and Application to Environmental Design

AWARD

KOREA GUITAR FESTIVAL CONCOUR 2021
Encouragement Award

SPACE PRIZE FOR INTERNATIONAL STUDENTS OF ARCHITECTURE DESIGN 2023
Honorable Mention, Team Leader of 3 Members

PRESENTATION / EXHIBITION / PERFORMANCE

KU GUITAR CLUB 47TH ANNUAL CONCERT SEP, 2020
Conductor of 25 Members

'ACADEMIC FESTIVAL FOR ALL' BY KOREA UNIVERSITY DEC, 2023
Poster Presentation : Examining the Characteristics, Limitations, and Potential for Development of ANNs from a Biologically Plausible Perspective

RHINO3D USER GROUP SEMINAR AUG, 2024
Technical Presentation : Nature-Inspired Architectural Concept – Simulation Using Grasshopper C#

EXPERIENCE

BRAIN SIGNAL PROCESSING LAB [KOREA UNIVERSITY] JUL-AUG, 2017
Intern

MILITARY SERVICE, REPUBLIC OF KOREA ARMY JUN, 2018 - FEB, 2020
Operations Specialist [Entry : PV2, Separation : SGT]

SEOUL BIENNALE OF ARCHITECTURE AND URBANISM AUG,2021
Installation Assistant

COUNSELING & WELFARE CENTER FOR YOUTH JAN-OCT, 2022
Volunteering Mentor

ARTS LAB [KOREA UNIVERSITY] AUG, 2024 – JUL, 2025
Undergraduate Researcher : Utilizing LiDAR Sensors for Adaptive Control in Viscous Material 3D Printing

WORKSHOP

DR.CHI'S INTEGRATED NEUROANATOMY COURSE JAN, 2018

AAVS VISITING SCHOOL AUG, 2020

NEUROSCIENCE SUMMER SCHOOL AUG, 2021

NEUROMATCH, COMPUTATIONAL NEUROSCIENCE AUG, 2022

SKILLS

- Frameworks/Tools : RhinoCommon API, Grasshopper SDK, OpenCV, CUDA Toolkit, TensorFlow, .NET
- CAD : Rhino3D, AutoCAD, Revit, RhinoInside Revit
- Language : Korean (Native), English (Fluent), Japanese (Intermediate), German (Intermediate : A2)