

EUNICE JUNG, AIA, LEED AP BD+C

ehjung@stanford.edu | 617-520-4882 | US permanent resident

EDUCATION

Stanford University | Stanford, CA

Ph.D., Civil and Environmental Engineering

Present

M.S., Structural Engineering

2025

- **Research Assistant** for Professor Michael Lepech on developing quantitative methods for embodied Life Cycle Assessment (LCA) of building design using Large Language Models (LLMs)
- Relevant Coursework: Conversational Virtual Assistants with Deep Learning (CS 224V), Deep Learning for Computer Vision (CS 231N), Programming Abstractions (CS 106B)

Harvard University | Cambridge, MA

M.Arch., Graduate School of Design, Architecture

2017

Harvard University Grant, Harvard GSD publication *Platform 7*: selected studio and class projects

Korea Advanced Institute of Science and Technology (KAIST) | South Korea

B.S., Civil and Environmental Engineering, Summa Cum Laude

2012

National Presidential Scholarship for distinguished science undergraduates: full-ride scholarship

PROFESSIONAL EXPERIENCE

Skidmore, Owings & Merrill (SOM) in San Francisco | **Structural Engineering Intern**

Summer 2025

- Quantified the embodied carbon of structures and facades for complex projects, ultimately training a simple neural network model to categorize structural members and predict their embodied carbon

CBT Architects in Boston | **Project Architect**

Feb 2020 – Oct 2024

- **Lead Researcher**: Spearheaded award-winning embodied carbon reduction research (\$30,000), achieving a 15% embodied carbon reduction of a Class A office tower as an in-house specialist
- **Envelope team**: Managed technical execution for two high-profile, 30-story high-rise developments; specialized in high-performance triple-glazed unitized curtain wall system and precast panel system of faceted curves from Schematic Design through Construction Documents phase; led multidisciplinary coordination with structural, façade, and MEP consultants; conducted iterative Window-to-Wall Ratio (WWR) analysis and thermal performance evaluations

PAYETTE Associates in Boston | **Architect**

Jul 2017 – Feb 2020

- **Job Captain/BIM Manager**: Managed a 50,000 ft² teaching laboratory renovation project on a college STEM building; led construction project meetings with owner and contractors

TEACHING / OUTREACH EXPERIENCE

Course Assistant | Stanford University

Life Cycle Assessment for Complex Systems | Professor Michael Lepech

Fall 2025

Architectural Studio 1: Architecture – Space, Light, and Movement

Spring 2025

Architectural Studio 3: Integrated Architecture and Engineering

Fall 2024

Engineering Economics and Sustainability

Summer 2025, Fall 2024, Summer 2024

Committee member, Co-Chair of Career Development Committee | **BosNOMA** (non-profit corporation in MA, Boston Chapter of National Organization of Minority Architects)

2021 - 2024

BosNOMA Recognition Award 2023, awarded to an individual with a substantial contribution

Graduate Teaching Assistant | *Harvard Graduate School of Design*

Structural Design 1, Structural Design 2

Spring 2017, Spring 2014

SKILLS

Programming & AI: Python (NumPy, TensorFlow, OpenSees), MATLAB, Gemini/ChatGPT API

Design/BIM: Revit (Detailing), Rhino/Grasshopper (Parametric Modeling), Adobe Suite, One Click LCA

Bilingual in English and Korean