

# EUNICE JUNG, AIA, LEED AP BD+C

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## EDUCATION

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|--|--|---------|
| <b>Stanford University</b>   Stanford, CA  |  |         |
| <b>Ph.D., Civil and Environmental Engineering</b>  |  | Present |
| <b>M.S., Structural Engineering</b>  |  | 2025    |
| • <b>Research Assistant</b> 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)                     |  |         |
| <b>Harvard University</b>   Cambridge, MA  |  |         |
| <b>M.Arch., Graduate School of Design, Architecture</b>  |  | 2017    |
| <i>Harvard University Grant</i> , Harvard GSD publication <i>Platform 7</i> : selected studio and class projects   |  |         |
| <b>Korea Advanced Institute of Science and Technology (KAIST)</b>   South Korea  |  |         |
| <b>B.S., Civil and Environmental Engineering, Summa Cum Laude</b>  |  | 2012    |
| <i>National Presidential Scholarship</i> for distinguished science undergraduates: full-ride scholarship   |  |         |

## PROFESSIONAL EXPERIENCE

|   |                     |
|---|---------------------|
| <b>Skidmore, Owings &amp; Merrill (SOM)</b> in San Francisco   <b>Structural Engineering Intern</b>   | 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   |                     |
| <b>CBT Architects</b> in Boston   <b>Project Architect</b>  | Feb 2020 – Oct 2024 |
| • <b>Lead Researcher:</b> 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  |                     |
| • <b>Envelope team:</b> 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 |                     |
| <b>PAYETTE Associates</b> in Boston   <b>Architect</b>  | Jul 2017 – Feb 2020 |
| • <b>Job Captain/BIM Manager:</b> Managed a 50,000 ft <sup>2</sup> teaching laboratory renovation project on a college STEM building; led construction project meetings with owner and contractors  |                     |

## TEACHING / OUTREACH EXPERIENCE

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|---|-------------------------------------|
| <b>Course Assistant</b>   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 |
| <b>Committee member, Co-Chair</b> of Career Development Committee   <b>BosNOMA</b> (non-profit corporation in MA, Boston Chapter of National Organization of Minority Architects) | 2021 - 2024                         |
| <b>BosNOMA Recognition Award</b> 2023, awarded to an individual with a substantial contribution   |                                     |
| <b>Graduate Teaching Assistant</b>   <i>Harvard Graduate School of Design</i>   |                                     |
| 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