

# Colin Inkyu Kim

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## EDUCATION

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### Massachusetts Institute of Technology

Cambridge, MA

*Candidate for B.S. in Architecture and B.S. in Artificial Intelligence – 4.9 GPA*

*Aug. 2023 – Present*

- Relevant coursework: Architecture Studio, Design Studio, Objects & Spaces, Design History, Environmental Technologies, Machine Learning, Algorithms, Computer Programming, Linear Algebra, Discrete Math

## EXPERIENCE

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### Nasdaq – Spatial Computing Intern

Boston, MA

*Architecture, Interior Design, Behavioral Research, CAD, React, EC2.*

*Jan. 2025 – Present*

- Designing an “Office of the Future” with mixed-reality technology, customizable furniture, and an online interface.
- Working alongside the CTO and other major stakeholders to optimize the outlook of real estate for the company.

### MIT Self-Assembly Lab – Undergraduate Researcher

Cambridge, MA

*Architecture, Fabrication, Sustainability Research, CAD.*

*Oct. 2024 – Dec. 2024*

- Performed research analyzing and improving the load-bearing ability of algorithmically generated gravel patterns.
- Designed and documented various materials and configurations to aid the self-assembly of sustainable structures.

### OL MAKE Co. – Practical Assistant

Incheon, South Korea

*Architecture, On-Site Analysis, Material Research.*

*Dec. 2022 – Jan. 2023*

- Selected natural regional volcanic stones for the construction of a gabion structure through on-site testing.
- Contributed to the design and construction of Café Seowonangil in Incheon, South Korea with chief architects.

### Smilegate Future Lab – Teaching Assistant

Seongnam, South Korea

*Fabrication, Arduino, Raspberry Pi, Lab Safety.*

*June 2022 – Feb. 2023*

- Designed a hands-on learning kit for children that demonstrated tensegrity through assemblable wooden parts.
- Worked as a weekly tutor for children, assisting them with shop machinery and providing programming lessons.

### Heifer Hut – Creator

Groton, MA

*Architecture, Modelmaking, Photoshop, Philanthropy.*

*Sept. 2021 – Feb. 2022*

- Independently designed livestock housing to accommodate the climate of a mountainous region in Eastern Nepal.
- Organized a social event at my high school to raise funds towards agricultural development in the region.
- Received a National Gold Medal in Architecture & Industrial Design from the 2022 Scholastic Art Awards.

## LEADERSHIP & ACTIVITIES

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### Phi Delta Theta (Mass Gamma) - Rush Chair, Social Chair, Historian

Cambridge, MA

*Budget Management, Marketing, Event Planning, Photoshop, Premiere Pro.*

*Sept. 2023 – Present*

- Elected by members to manage a budget of \$40000, organizing recruitment events and social gatherings.
- Designed merchandise and promotional content and administered the fraternity’s social media accounts.

### Groton School Landscape Committee - Student Representative

Groton, MA

*Landscape Architecture, Building Technology.*

*Feb. 2021 – Dec. 2022*

- Chosen by faculty to contribute to discussions with architects during a large-scale renovation of the Schoolhouse.
- Gained experience planning and analyzing systems to alleviate snow-caused waterlogging in a basement.

## SKILLS AND INTERESTS

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**Skills:** Studio Art, Modelmaking, Woodworking, Welding, Rhino, Enscape, ClimateStudio, CAD, Photoshop, Illustrator, InDesign, After Effects, Premiere Pro, TouchDesigner, Python, C++, React, p5.js

**Interests:** Graphic Design, Filmmaking, House Music, Boulderling, Cryptic Crosswords, Tottenham Hotspur

**Languages:** English, Korean, Latin & Ancient Greek (intermediate reading proficiency)