

ERICA LIU

MIT Class of 2022 | <https://www.ericaliudesignarch.com/> | eliu1024@mit.edu | (408)-702-7348

EDUCATION

Massachusetts Institute of Technology

Aug 2018 - May 2022

Bachelor of Science in Architecture | GPA: 4.7

Relevant Coursework: Design Studios 1 & 2, Architecture Design Studios 1, 2, & 3, Design Computation, Environmental Technologies, Structural Design, Advanced Visualization Motion Graphics, Building Information Modeling, Computational Thinking and Data Science, Mathematics for Computer Science

EXPERIENCE

Stantec Architecture

Cambridge, MA | August 2022 - August 2023 | Design Coordinator 1

- Worked on construction documentation set for commercial biotech buildings in Kendall Square

- Visited construction site on weekly basis, attended OAC meetings, and created a weekly field report

- Created 3D models and renderings of projects in schematic design phase for city presentations

H22 Festival

Helsingborg, Sweden | Sept 2021 - June 2022 | member of MIT team

- Designed and prototyped a series of shelters built at the H22 festival in Helsingborg

Huang Iboshi Architecture

San Francisco, CA | June 2021 - August 2021 | Architecture Intern

- Created floor plans, elevations, sections, interior elevations in AutoCAD

- Created 3D models of designs in SketchUp from plan and section drawings

MIT Media Lab City Science Group

June 2020 - Dec. 2020 | Cambridge, MA | Undergraduate Researcher

- Designed transformable furniture to optimize for efficient space usage and productivity in micro-units

ACTIVITIES

MIT Ring Committee

Cambridge, MA | Apr 2019 - May 2020 | Artist | Ring Premier Vice Chair

- Designed the Ring Logo to be advertised across campus and on merchandise

- Designed the Brass Rat: MIT's class ring

- Presented design at Ring Premiere 2022: a formal presentation to the MIT class of 2022

MIT ACF

Cambridge, MA | August 2018 - present | Vision Team & CG Team

- Assessed the overall status of the fellowship and casted direction for the future of the fellowship

- Organized and facilitated retreats and the leadership application process of the fellowship

- Led weekly community groups for a subsection of the fellowship

Cross Products Acapella

Cambridge, MA | Aug 2018 - Oct 2019 | Executive Member

- Planned and ran weekly practices with the group

Pi Beta Phi

Cambridge, MA | Feb 2019 - June 2022

SKILLS

CAD/BIM:

Revit, Rhinoceros, AutoCAD, SketchUp, Python, Java, Dynamo, Grasshopper

Rendering:

Enscape, 3Ds Max, Adobe Dimension, Unity, V-Ray for Rhino

projects: <https://www.ericaliudesignarch.com/rendering-work>

Graphic Design:

Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Lightroom,

Adobe Premiere Pro, Adobe AfterEffects

Other:

sketching/illustrating, physical model-making, collaboration, leadership