

Yao Lu

2013 Hasbrouck Apartments, Ithaca NY 14850
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Education

Cornell University

Expected in May 2020

Master of Science: Matter Design Computation

Ithaca, NY, USA

- 3.736/4.0 GPA

Tongji University

July 2017

Master of Architecture

Shanghai, China

- 4.48/5.0 GPA
- Dissertation: Inspiration of Concrete Shells -Research on the Works of FÉLIX CANDELA
- Recipient of Outstanding Graduates Award of Shanghai Recipient of
- Merit Student Honor

Tongji University

July 2014

Bachelor of Engineering

Shanghai, China

- 4.27/5.0 GPA

Experience

JSLab, Cornell University

August 2018 to Current

Research Assistant

Ithaca, NY, USA

- Member of PolyBrick 2.0 research project
- Developer of PolyBrick - a Rhinoceros and Grasshopper Plug-in for inhomogeneous and anisotropic 3D lattice generation.

Cornell University

August 2018 to Current

Teaching Assistant

Ithaca, NY, USA

- Assisted teaching of Building Technology Course, Matter Design Computation Studio, Visual Imaging Course Organized
- and directed workshops on Rhino and Grasshopper

Tongji Architectural Design Co (TJAD)

October 2014 to May 2017

Junior Architect

Shanghai, China

- Participated in 5 architectural projects and 1 urban design project.

Shanghai Bureau of Real Estate

July 2011 to August 2011

Investigator of Historic Buildings Shanghai,

Shanghai, China

- Completed a report on preservation and renovation strategy of historic buildings in Shanghai Luwan district

Publication

- Yao Lu*, Eda Begum Birol*, Ege Sekkin*, Colby Johnson, David Moy, Yaseen Islam, Jenny Sabin.
“*PolyBrick 2.0: Bio-integrative load-bearing structure*” in ACADIA 2019: Ubiquity and Autonomy, eds. Danelle Briscoe, Kory Bieg, Clay Odom, Oct. 24-26, pp. 2019.

Activities and Honors

- 1st Prize of Youth Design Competition for Suqian City, 2017
- 3rd Prize of 2016 International Student Urban Design Competition for Shanghai Railway Station, 2016
- 2nd prize of Shanghai College Students' Modern Drama Festival, 2015
- 1st Prize of 2014 Vertical City Asia International Competition, 2014
- 1st Prize of 2014 Architecture Competition of Taiwan and Mainland Students, 2014
- 2nd Prize of 2013 East Asia Architecture and Urban Planning Competition, 2013

Personal Website

- <https://yaolu.page/>