

# Qingheng (Catherine) Yu

Tel: +1 (314) 546-5375 | Email: cathyqh@mit.edu

## EDUCATION

**M.Arch Candidate, Massachusetts Institute of Technology** | Class of 2028, Cambridge, MA  
Departmental Fellowship.

**Bachelor of Science in Architecture, Washington University in St. Louis** | Class of 2024, St. Louis, MO  
*magna cum laude*, GPA: 3.94/4.00; minor in Art History and Archaeology; minor in Film and Media Studies.

## PROFESSIONAL EXPERIENCES

**David Chipperfield Architects Shanghai (DCA)** | Shanghai, China | Jun - Aug 2023

*Intern:* collaborated with DCA architects and contributed to conceptual designs, digital and physical modeling, site and precedential research, renderings, graphic representations, and construction drawings.

*Selected Projects:*

- Dadong Residential Towers (competition): residential high-rise located in Kaohsiung, Taiwan with green facade strategies.
- Zhangyuan: historical renovation, commercial mixed-use area and theater in Shanghai.
- Yong'an Fang: commercial and residential neighborhood with historical preservation at the Bund, Shanghai.
- Xinya Residential Towers: residential high-rise located in Taipei, Taiwan.

**Building Design Partners (BDP)** | London, UK | May - Jun 2022

*Student Research Work Experience:* conducted precedent research, construction drawings, and digital modeling.

**Shanghai Urban Regeneration Institute (SURI)** | Shanghai, China | May - Jul 2021

*Student Intern:* contributed to schematic design, event planning, graphic design, research, and communication.

*Selected Projects:*

- "Readable Architecture": city-walk event in Shanghai, introducing architecture of cultural and historical significance.

## ADDITIONAL EXPERIENCES

**Research Assistant: Griot Museum of Black History Event Space** | St. Louis, MO | Oct 2023 - Apr 2024

Worked with Professor Constance Vale, Chandler Ahrens, and Kelley van Dyck Murphy on the conceptual design of the Griot Museum, renovating the third floor as a multi-purpose space for community programming, museum events or rented space. Worked on the conceptual design of the interior, specs research, digital modeling, drawings, diagram representations, and physical modeling.

**Teaching Assistant: ARCH 211 and 212** (sophomore design studios) | Washington University in St. Louis | Sep 2023 - May 2024

Assisted in facilitating the course curriculum, holding office hours to meet with students, and providing instructions in regards to design development, techniques of digital and physical model production, and graphic representation.

**NOMA 2022 Barbara G. Laurie Student Design Competition** | Nashville, TN | Aug - Nov 2022

Collaborated with WashU undergraduate and graduate students on the design of a memorial bridge and cultural center in North Nashville, TN and attended the NOMA competition and conference in Nashville, themed "Unplugged."

## SELECTED EXHIBITIONS & PUBLICATIONS

**Selected Publication and Exhibition in WashU Undergraduate *Approach*** | St. Louis, MO | 2021 - 2023

*Approach:* a collection of student work from the College of Architecture at Washington University in St. Louis.

Fall 2022: *An Urban Edge: re-distributing privilege in political poly-towers*, Chicago, IL | Critic: Constance Vale (published)

Spring 2023: *Cinematic Interplay: filmmakers live-work space*, New York, NY | Critic: Hans Tursack (published)

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Fall 2023: *Intertwined Duality: public library in the time of state censorship and book banning*, St. Louis, MO | Critic: Patty Heyda

Spring 2024: *The Autonomous Future of Mobility*, Downtown Los Angeles, CA | Critic: Constance Vale

## Publication of Research Paper in *Film Matters*, Issue 15.1 | July 31 2024

Title: "In Plight and Reformation: Transnationalism and 'Chinese-ness' in the 1930s and Recent East Chinese Films"

Keywords: transnationalism, vernacular modernism, cultural/historical reflexivity, Chinese autoethnography, globalization/capitalism.

## Publication of *Urban Memories: Practices of Urban Regeneration in Shanghai (SURI)* | published in winter 2023

Collaborated with SURI architects on the research and compilation of *Urban Memories* during internship.

## HONORS & AWARDS

**Frederick Widmann Prize Winner** | Washington University in St. Louis | May 2024

In honor of Frederick Widmann, one graduating undergraduate and one graduate member are selected based on merit in design.

**Recipient of the Elizabeth S. Schmerling Endowed Scholarship** | Washington University in St. Louis | 2023 - 2024

The prestigious annual scholarship is awarded to two senior students. Selection criteria include outstanding academic performance, innovative architectural perspectives, and a dedication to the study which inspires both professors and peers alike.

**First Prize in the Fitzgibbon Charrette** | Washington University in St. Louis | Feb 2024

The annual architectural charrette challenged the participants to explore the interiors through geometric and algorithmic transformations, observing how perspectival depth and image orientation shift when manipulated physically and statistically.

**Second Prize in the Laskey Charrette** | Washington University in St. Louis | Feb 2022

Themed "A Hat Is A House," the annual architectural charrette called upon the participants to "expand the definition of a hat to blur the line that differentiates the personal from the collective," discussing privacy, intimacy and safety in wearable accessories.

**Five Citations on the Dean's List at the Sam Fox School of Visual Arts & Design** | St. Louis, MO | 2021 - 2024

## SKILLS & INTERESTS

*Software Proficiency:*

Rhinoceros, Adobe Suite (Ai, Id, LrC, PS, Ae), Enscape, AutoCAD, Climate Studio, Microsoft Office Suite.

*Skills and Interests:*

Model making, 3D printing, laser cutting, digital ceramics, research/writing, photography, drawing, watercolor/oil/acrylic painting.

## LANGUAGES

**English:** professional proficiency and fluency; **Mandarin:** native proficiency and fluency