

## CV - RASHMI GAJARE

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### EDUCATION

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**PhD in Architecture (Historic Preservation)**, UTSOA, University of Texas at Austin, USA. 2025

**Master's in Digital Humanities**, Università Ca'Foscari, Venice, Italy. 2019

**M.A. Historic Preservation and Planning**, Cornell University. 2016

**Bachelor of Architecture**, University of Pune, BKPS College of Architecture, India. 1999

### LICENSES, CERTIFICATIONS & AFFILIATIONS

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Registered licensed architect, Council of Architecture, India, since 2003

LEED AP (Building Design & Construction) LEED v4,2015 - GBCI, USA

FAA Part 107 Remote Pilot License, Federal Aviation Administration, USA, 2022

### TECHNOLOGY

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#### ArcGIS

AutoCAD, SketchUp, Recap, Reality Capture, Metashape, CloudCompare, Pix4Dmapper, Revit

### SELECTED STUDY PROJECTS

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[Financial Feasibility Analysis- Schultze House Rehabilitation Project](#)

[Historic Structure Report -Aurora House, Ithaca](#)

[Analysis of Green Building Rating Systems for Historic Structures](#)

*GIS Spatial analyses*

[NYC Property Prices In Historic Districts](#)

[Heritage properties submitted to UNESCO tentative WHC list – Burma \(Myanmar\)](#)

### WORK EXPERIENCE

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#### **HISTORIC PRESERVATION & DESIGN**

**Walter B. Melvin Architects, NY, Mar 2016 - Aug 2016**

*Technical Personnel*

Historic Preservation projects in NYC. **DOB/DOT/LPC filing**. Construction details, building- conditions survey and assessment. Client interaction and site-work supervision.

**Architectural Preservation Studio, PC, NY, Dec 2015 - Jan 2016**

*Project Consultant, Preservation Architect*

**Bid drawings, specification documents** for a National Historic Landmark Rehabilitation Project.

**Walter Sedovic Architects, Irvington, NY, June - August 2014**

*Intern, Preservation Architect*

**Construction drawings** for Presbyterian Meeting Hall. Designed front entrance details for a historic Bronxville Church; Created **database archiving system** using advanced MS Excel for original architectural drawings at a historic Bronxville Church.

**Conservation of a temple complex, Jaageshwar Samadhi Mandir, Pune, 2011- 2013**

*Conservation Architect*

Worked with the Pune City Heritage Division Engineer to prepare a **conservation plan** for the temples with respect to a new development project on site. **Presented the project to Pune Municipal Corporation officials. Sourced traditional craftsmen** for specific project requirements.

**Interior Design Practice, 2001-2013**

Procured work, liaised with clients for residential interior design projects. Provided designs and revisions according to client and contractor feedback. Worked with contractors to prepare project specifications. Sourced materials and prepared estimates. Supervised work on-site.

**HUMANITIES**

**Factum Foundation, Madrid, Spain April-May 2025**

**Research visit**

Created 3D model of monastery basement space and chosen artefacts for use in exhibit design, LiDAR scanning of exhibition space – AutoCAD, SketchUp, Scene

**UTSOA, Aug 2019 – 2025**

**PhD in Architecture - 3D scanning and modeling projects:**

Goldsmith Courtyard; Battle Hall Architecture Library, The French Legation building

Collected data using Z+F laser scanners, DJI UAVs.

3D modeling using varied software: Autodesk ReCap, CloudCompare, Metashape, Pix4Dmapper

**CHC-CRDF, CEPT University, INDIA, Feb 2023 – Mar 2023**

**Research Scholar**

Studying and analyzing 3D documentation projects at the CHC-CRDF

**Michigan State University, Apr 2017 – Nov 2017**

**Consultant**

Liaising and leading discussions for the MSU-BORI (Bhandarkar Oriental Research Institute) virtual museum project for rare manuscripts. Planned an MSU team India visit in September 2017

with lectures, round tables, local sightseeing, accommodation, lunch meetings and official dinners. Co-ordinated with various local institutions participating in the program.

**Rare & Manuscript Division, Kroch Library, Cornell University, 2014 -2015**

***Collections Assistant***

Created library databases using XML & Excel for archival architectural drawing collections. Digitally reproduced archival materials for library patrons and worked on post-processing of Images.

**Cornell University, 2014-2015**

***Graduate Assistant – Website administrator – PreserveNet***

**BORI Museum Design Symposium, 2015**

Worked for the organization of international museum design symposium in Pune, India

**Bhandarkar Oriental Research Institute (BORI), 2011 - 2013**

***Planning Member- Manuscript Museum Design Committee***

Studied collections, liaised with museum curators, obtained quotations for display and security systems and audio guide designing. Presented plan of action to the committee on themes for exhibits and public outreach programs

**Conducted Heritage walks** for school and master's students at University of Pune, 2011

**PUBLICATIONS/POSTERS**

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**ACADEMIC**

Gajare, Rashmi. **“Material, Virtual, Re{constructed} worlds: Implications of 3D digital modeling for Historic Preservation”**. *Amps-Proceedings-Series-35.1\_2024*. Prague - Heritages: Past and Present Conference, *Czech Technical University & AMPS, Prague*, June 28-30, 2023. Ch. 68.

Gajare, Rashmi. **“Palimpsests of Destruction”**. 2018. Humanities Commons. <http://dx.doi.org/10.17613/6zr0-qv38>.

Gajare, Rashmi, and Tomlan, Michael (advisor). **“An Analysis Of Green Building Rating Systems In The Context Of Historic Preservation.”** 2016. <http://hdl.handle.net/1813/44374>. MA Thesis. Ithaca: Cornell University. An analysis of the application, advantages and/or disadvantages of different green-building rating systems such as LEED, BREEAM and SKA

Byrd, Brian; Catsos, Michael; Chang, Hector; Gajare, Rashmi; Halili, Gabriel; Hung, Irene ; Robb, Isaac ; Ma, Linshuang ; McKenna-Foster, Daniel ; Rivera, Robert ; Shindman, Rachel ; Taru, Taru ; Minner, Jennifer at Cornell University, **“Spirits of Visions Past: Sustainable Adaptation of World's Fair Sites”**.

*Poster · April 2015. Seattle, Washington, Conference: American Planning Association (first prize)*

## **SELECT CONFERENCE PRESENTATIONS AND PROJECTS**

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**APT- National Trust Joint Conference**, Montreal, November 2024

*Community engagement for cultural stewardship: Konkan geoglyphs in India*

**Past-Heritages,Prague** – hybrid – June 2023

*Material, Virtual and Re{constructed} Worlds – focus on 3D Digital Modeling for Historic Preservation*

**Texas A&M History Conference**, February 2022

*Collaborative and accessible digitization of historic architecture – democratization in the shaping of historical narratives*

**Future of Conservation Studies in India**, ICOM and NRLC, Lucknow, 2016

*Designing an Interdisciplinary Seminar for Conservation Studies*

**Inclusive Cities**, Jamia Millia Islamia University, Delhi, 2016

*Inclusion and Technology*

**BORI Museum Design Symposium**, Pune, 2015

*Study of Space Typology in Modern Museums*

**American Architecture**

*Life story of a building: Additions, Subtractions, Destruction -Kimbell Art Museum, Fort Worth, TX*

**State level Indology Conference**, Jalgaon, 2011

- *Adaptive reuse of heritage structures in Indian context, Author*

## **TEACHING EXPERIENCE**

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**Visiting Faculty, 2017-2018**

**Masters in Architectural Conservation**, Sinhgad College of Architecture, Pune, India

Use of technology for architectural conservation; Photogrammetry

**Graduate Teaching Assistant, 2014-2015**

**Masters in Historic Preservation and Planning, Cornell University, USA** Building Material Conservation

## **LANGUAGES**

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**Fluent** |English, Marathi, Hindi, French

**Basic** |Italian-A2, Spanish -A2