

## EDUCATION

**University of Pennsylvania | Master of Architecture** 2024  
*Courses: Environmental Systems, Structures, BIM with Revit, Detailing, Professional Practice*

**University of Pennsylvania | Real Estate Design and Development Certificate** 2024  
*Courses: Real Estate Law, Project Management, Real Estate Finance*

**Miami University | Bachelor of Arts in Architecture** 2019  
*Courses: Passive and low-energy design, Advanced Architectural Theory, concentration in Economics*  
*Awards: Deans List F'17, F'18, S'19, F'19, Undergraduate Summer Scholars Research Fellowship*

## WORK EXPERIENCE

**University of Pennsylvania | Lecturer** 08/24-Present  

- Co-developing a graduate design studio focused on architectural interventions addressing contemporary and critical urban issues of housing, sustainability and gentrification.
- Guiding students in thesis development, program and structural development, and design critiques.

**Nirman Satva Developers | Arch. Engineer & Design Associate** 01/21-01/22 Full-time, 05/22-11/24 Part-time  

- Supported the development team with integrated research and analysis, including technical reporting, financial modeling and conceptual design studies.
- Collaborated with multidisciplinary teams to integrate structural, mechanical, and electrical systems with the architectural design during design development (DD) and construction documentation (CD) phases.
- Performed on-site investigations to identify and implement strategies for improving labor efficiency and optimizing resource allocation during the construction administration phase of a large mixed-use housing development.

**Rajendra Mistry Architects | Architect Intern** 06/20-12/20  

- Assisted in developing DD and CD sets for various residential and mixed-use developments.
- Participated in client meetings and community outreach programs, contributing to design solutions that reflect stakeholder input and community needs.

## RESEARCH PROJECTS

**Experiencing Palladio (USS Research Grant)** 2018  
Research project in the Veneto region of Italy involved phenomenological mapping of Palladian villas to situate them in a urban context to understand their use and place-making qualities in the contemporary city.  
Paper presentation and exhibition at Cage Gallery, Miami University.

**Islamic Architecture of Ahmedabad** 2017  
Research on the history and typology of the development of a distinctive architecture in Gujarat, India as a result of the fusion of traditional Hindu and imperial Islamic styles and construction methods.

## COMPETITIONS

**BLTa Student Design Competition • Second place** 2022

**US DOE Solar Decathlon Design Competition • First place (undergraduate)** 2019  
Eighty-acre net-zero energy-use educational township consisting of large scale low-cost housing, an elementary school and an ecological regenerative pollinator prairie involving implementation of high-performance Passive House techniques. Team leader of Miami University's multi-disciplinary team.

## SKILLS

**Vizualization** • Adobe Creative Suite, Lumion, Keyshot, Enscape, V-Ray, Hand Drafting

**CAM/BIM** • Revit, AutoCAD, SketchUp, Rhino 3D, Z-Brush

**Analysis** • Karamba3D, WUFI Passive, Sefaira, E-TABS

**Photography** • Architectural and Documentary, Photojournalist at the Daily Pennsylvanian 2022-2024

**Digital Fabrication** • Laser and CNC Operator at the Fabrication Laboratory, UPenn

**Programming** • C++, Python, LaTeX, R (Statistical Computing)

## CERTIFICATIONS

**PHIUS Certified Passive House Consultant #2484** 2018