

MAITREY PRAJAPATI

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EDUCATION

- 2024 **University of Pennsylvania**
Master of Architecture + Certificate in Real Estate Design and Development
Courses: Real Estate Law, Project Management, Environmental Systems, Structures, BIM with Revit, Real Estate Design & Development.
- 2019 **Miami University**
Bachelor of Arts in Architecture + mMBA Professional Certificate
Courses: Passive and low-energy design, Advanced Architectural Theory.
Completed a concentration of courses in Economics
Awards: Deans List F'17, F'18, S'19, F'19
Undergraduate Summer Scholars Research Fellowship

EMPLOYMENT EXPERIENCE

- 2023 **University of Pennsylvania**
Teaching Assistant for Graduate Studio - Scott Erdy
- 2020-21 **Nirman Satva Construction**
Architectural Engineer | Ahmedabad, India
- Assisted with producing shop-drawings of RCC structure
 - Supervised the construction of concrete superstructure and infill masonry
 - Conducted on-site investigations for increasing labour efficiency during the mobilization and construction phases of a mid-rise mixed-use development
- 2020 **Rajendra Mistry Architects**
Architect Intern | Ahmedabad, India
- Collaborated on DD and CD phases of several mixed-use and residential projects
 - Recieved experience in working directly with and presenting to clients and communities

RESEARCH

- 2018 **Experiencing Palladio, 2018**
Studio-based immersive research project in the Veneto region of Italy. Project 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.
- 2017 **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.

DESIGN COMPETITIONS

- 2022 **BLTa Student Design Competition • Second place**
- 2019 **US DOE Solar Decathlon Design Competition • First place (undergraduate)**
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)

2018 CERTIFICATIONS

PHIUS Certified Passive House Consultant #2484