LUCIA BAUMAN

Designer
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PROFILE

NOMA Future Faces Fellow and B.Arch candidate combining building performance simulation research, published adaptive reuse studies, and construction administration experience, with strengths in advanced 3D modeling and visualization.

EDUCATION

New York Institute of Technology, Bachelor of Architecture (B.Arch), Minor in Business *Expected May 2027*
GPA: 3.93/4.0 | Presidential Honors List, Fall 2022 – Spring 2026
NOMA Future Faces Fellow, National Organization of Minority Architects (2026), one of 26 selected nationally
Published in *Atmosphere 08*, NYIT School of Architecture (2025) | Exhibited in NAAB Accreditation Exhibition (2025)
Mentorship Chair, American Institute of Architecture Students (AIAS), 2024 – 2025
NOMAS Member | Barbara G. Laurie Student Design Competition Participant (2025)

Providence College, Engineering and Studio Art | Dean's List *Aug 2020 – May 2022*

PROFESSIONAL EXPERIENCE

Architectural Intern, NOMA Future Faces Fellow
SCB, Chicago, IL *June 2026 – Aug 2026*

- Supported construction administration for a high-rise office-to-residential adaptive reuse conversion.
- Drafted construction documents in Revit, including details, reflected ceiling plans, and schedules.
- Processed ~60 RFIs and ~40 submittals among the design team, contractors, and consultants.
- Coordinated with contractors and MEP engineers to resolve construction issues and meet project deadlines.

Architectural Intern
Emergent Studio *Sept 2025 – Present*

- Research, model, and post-produce multi-cut axonometric case studies of post-industrial adaptive reuse for *Industrial Exaptation*, an IDC-funded project published in the peer-reviewed journal *Land* (MDPI).
- Provided research and installation support for the project exhibition at FXC Gallery, Brooklyn (2026).

Architectural Intern
Architecture Studio, Queens, NY *June 2024 – Sept 2024*

- Supported design development for multi-family and commercial projects through Revit documentation.
- Prepared DOB submission sets aligned with NYC zoning and building code requirements.

RESEARCH & TEACHING

Teaching Assistant
New York Institute of Technology *Sept 2026 – Present*

- Selected to help teach first-year design fundamentals studios for 60 students, supporting instruction and reviews.
- Mentor students one-on-one on design development, technical skills, and navigating the program.

Research Assistant
New York Institute of Technology *June 2025 – Present*

- Model and simulate precedent buildings in Rhino and ClimateStudio for a grant-funded BPS study, benchmarking daylighting, glare, EUI, and carbon against LEED v4.1, ASHRAE 90.1, and Local Law 97.
- Design a standardized InDesign template for a shared library of performance-based precedent studies, supporting a forthcoming peer-reviewed paper and conference presentation.

SKILLS

Modeling & Visualization: Rhino 3D (Advanced), Revit, AutoCAD, Enscape, Lumion, Adobe Creative Suite (Photoshop, Illustrator, InDesign)
Environmental Analysis & Performance: ClimateStudio, Ladybug, Honeybee, Building Performance Simulation, LEED v4.1, ASHRAE 90.1, Local Law 97
Documentation & Fabrication: Bluebeam, Newforma, Procore, Microsoft Office, 3D Printing, Laser Cutting