

SIENNA LEWIS

Education

August 2019 to May 2024

Masters in Architecture

Florida International University, Miami FL

August 2019 to May 2024

FIU Honors College

Florida International University, Miami FL

Spring 2023

Study abroad Genoa, Italy

Summer 2022

Study abroad Barcelona, Spain

Experience

Sept 2022 to May 2024

FIU Robotics and Digital Fabrication Lab

Graduate Research Assistant

- Facilitated research on integrating robotics and digital fabrication in design
- Produced physical models commissioned by clients at lab, 3D printing, post processing and assembling parts
- Created graphics for NSF grant aimed at teaching robotics

Aug to Dec 2023

Integrated Building Systems | Graduate Teaching Assistant | FIU

- Facilitated Professor Mark Marine in delivering curriculum
- Graded construction set drawings & quizzes done by students
- Acted as a resource to students in need of explanation or help learning REVIT

Jan 2022 to Apr 2022

Structures I | Graduate Teaching Assistant | FIU

- Taught and graded Structures 1 lab, introducing mathematic and structural concepts to students

Oct 2021 to Dec 2021

Student Academic Mentor | FIU Embrace

- Tutored neurodivergent students, building relationships and helping completion of homework

Aug 2019

Intern | Mark Raymond, Architect

- Shadowed architect Mark Raymond and collaborated with team to produce physical models

Personal Statement

Motivated Junior Architect proficient in multiple computer-aided design, building information modeling and rendering softwares. Quick-learning, dedicated and experienced working within collaborative environments. Driven by the prospect of creating impactful spaces that inspire people in their own homes or foster a sense of community, collaboration and innovation at work and play. Firm believer in sustainable practices to cultivate longterm human wellness. During my course of study, I delivered building plans and sections, conceptual diagrams, MEP drawings and renderings, preparing me for work under direct supervision of an architect.

Portfolio: <https://siennalewis.myportfolio.com/portfolio>

Miami FL, 33174

561 466 8925

sienna.sylw@gmail.com

Awards

Presidential Merit Scholarship 2019-2023 | FIU

Dean's Advisory Scholarship 2021 - 2022 | FIU Honors College

Affiliations

AIA Miami Member, American Institute of Architects

AIAS Miami Former Member

Skills

BIM & 3D Modelling

- AutoDesk
- REVIT
- Rhinoceros 3D
- Blender
- Grasshopper

Drawing & Graphics

- AutoCAD
- Adobe Creative Suite: Photoshop, Indesign, Illustrator, Lightroom, After Effects

Rendering

- Twinmotion
- Lumion
- Enscape 3D

Fabrication

- Robotic 3D Printing
- 3D Printing
- Resin Printing
- CNC Milling
- Post Processing

Administration

- Significant Interpersonal skills
- Strong written and verbal communication
- Presentation skills
- Coaching
- Crisis Management
- Detail Oriented

Research and Design

- Architectural Design
- Structural Analysis
- Knowledge of Building codes and regulations
- Business and Project Management
- Knowledge of Accessibility Requirements (ADA)
- Conceptual Design
- Freehand Sketching
- Site Analysis
- Energy efficient and Low carbon design principles

Activities

- Latin Dance
- Swim Coach
- Volunteer as dog & cat foster

References available upon request