

Hi! I'm

# Catalina John-Melendez • she/they

A THIRD YEAR STUDENT AT CARNEGIE MELLON LOOKING TO LEARN HOW TO APPLY MY PASSION FOR MAKING TO PROFESSIONAL PRACTICE!

## Education

Bachelor of Architecture, Minor in Design Fabrication  
Carnegie Mellon University Pittsburgh, PA

Third-year, GPA: 4.0

## Professional Experience

Woodshop Monitor Aug 2023 – Present  
Carnegie Mellon School of Architecture Pittsburgh, PA

- Manage a woodshop environment for a maximum of 12 students to ensure safety and efficient practice.
- Advise students on a range of fabrication projects.
- Perform regular maintenance on woodshop machinery.

Administrative Intern Jul 2024 – Aug 2024  
Washington Heights Development Corporation New York, NY

- Carry out daily administrative tasks and receive clientele.
- Write grants to apply for \$500K+ in funding.

## Additional Experience

Secretary Apr 2023 – Present  
National Organization of Minority Architecture Students (CMU NOMAS) Pittsburgh, PA

- Manage social media communications and conduct outreach with chapter professionals to plan events for faculty and students.
- Engage in weekly board meetings with fellow students to discuss and plan events, initiatives, budgeting, and outreach.

Project Co-Manager May 2024 – Present  
CMU NOMAS Pittsburgh, PA / Hybrid

- Oversee organization and communications for a team of 15 students.
- Spearhead the design process for the BGL Student Design Competition.
- Represent CMU at the 4-day national conference with completed design.

Integrator Jun 2020 – Sep 2021  
National Museum of Mathematics New York, NY / Remote

- Facilitate visitor experience on museum floor for those of all ages.
- Lead online and in-person events and workshops for children aged 2-13.

## Project Experience

ECPHORA | Computational Design Competition Entry Mar 2024 – Apr 2024

- Design an learning pavilion that interpreted the composting process using computational techniques. Team of three won first place.
- Collect and analyze data on composting accessibility across 16 campus buildings.


Bamboo Pavilion Feb 2023 – Apr 2023

- Aid in the prefabrication, on-site construction and disassembly of an entryway pavilion built over a week-long period.
- Perform on-campus fieldwork to collect site measurements.
- Collaborated with a team of 20+ other students over two months.

## CONTACT ME!

 New York, NY  
Pittsburgh, PA

 cjohnmel@andrew.cmu.edu

 +1 347-698-1704

## Skills

### Software

- Adobe Creative Suite
- Rhino 7
- Enscape
- Grasshopper
- Keyshot 11
- V-Ray
- Autodesk Revit
- G-Suite and MS Office
- Javascript
- Arduino

### Analog

- Woodshop Fabrication
- Beginner Metalworking
- 3D Printing
- Laser Cutting
- CNC Routing

### Languages

- English
- Spanish

## Awards

- Sophomore Computational Design Competition Winner
- Minority Architects of Pittsburgh Scholarship
- Hispanic Scholarship Fund Scholar
- Dean's List 2022-2023
- Dean's List 2023-2024