

EDUCATION

MASTER OF SCIENCE IN DIGITAL AND MATERIAL TECHNOLOGIES

University of Michigan

June 2022 - May 2023

MASTER OF ARCHITECTURE

University of Michigan

August 2020 - April 2022

BACHELOR OF SCIENCE IN ARCHITECTURE

University of Cincinnati

August 2014 - May 2018

ACHIEVEMENTS

CoAD Staff Career Development
International Engagement

Fall 2024

Rackham Graduate Student
Research Grant

Spring 2023

Taubman College Student Show

Spring 2022

DAAPworks 2018 Showcase

Spring 2018

SKILLS

Revit, AutoCAD, Rhino,
Grasshopper, KUKA | prc, Python,
Illustrator, InDesign, Photoshop,
MasterCAM, RhinoCAM,
PowerMILL, 3D Printer Slicing
Software, Blender

Wood Shop, Welding/Metal Shop,
3-Axis CNC Router, 4th Axis on CNC
Router (Lathe), Waterjet
Digital Knife Cutter, Laser Cutter
3D Printer, 6-Axis Robots with
Drawing, Clay/Plastic Printing, Hot
Wire Foam Cutting, Pick and Place
Gripping

INTERESTS

My interests lie in the roles computational design and digital fabrication can play in the built environment. My research considers how design influences the way we perceive our built environment through controlling colors, materials, textures, and forms. Beyond design, I enjoy traveling, hiking, surfing, stand-up paddle boarding, and watercolor painting.

PROFESSIONAL EXPERIENCE

COMPUTATIONAL FABRICATION TECH

University of Tennessee | Knoxville, TN | August 2023 - Present

<https://archdesign.utk.edu/>

- Specializes in digital fabrication and is in charge of the maintenance, organization, and operation of the digital fabrication department within the fablab at UTK's College of Architecture and Design
- Works with students and faculty daily helping them with their research and projects, including giving input on design decisions and fabrication techniques

GRADUATE STUDENT INSTRUCTOR - CONSTRUCTION 317/417

University of Michigan | Ann Arbor, MI | August 2022 - December 2022

<https://taubmancollege.umich.edu/>

- Helped teach the role construction plays in architecture and its material form
- Taught and ran labs on the construction process, detailing of wood framed and brick buildings, and skills on analytical and creative thinking

ARCHITECTURAL INTERN

Angelini and Associates Architects | Ann Arbor, MI | May 2022 - August 2022

<https://angeliniarchitects.com/>

- Designed renovations for high end residential projects in the Michigan area
- Built physical models for both high end residential and commercial projects

ARCHITECTURAL INTERN

MG2 | Seattle, WA | May 2021 - August 2021

<https://mg2.com/>

- Designed and managed eight Costco projects located within the US and Canada
- Design floor plans of new and renovated buildings, created schematic and construction documents, and completed submittals

ARCHITECTURAL DESIGNER

obr Architecture | San Diego, CA | August 2018 - February 2020

<https://obrarchitecture.com>

- Projects types included schools, high-end residential, restaurants, and small commercial projects in San Diego's Liberty Station
- Contributed to the construction documents and designed lighting fixtures, flooring styles, and ADA compliant structures for a school renovation