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aishacheema.com

# Aisha Cheema

Masters of Architecture Candidate at MIT SA+P

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## Experience

**2023 - Present**

**Rapid Prototyping Lab Assistant** MIT SA+P

Supervising safety/training within all three shops within the School of Architecture  
Maintaining machinery and organizing shop according to regulations  
Keeping maintenance and safety logs for shop maintenance / organization

**2021 - 2023**

**Designer** Astra Studios

Leading design and build of pop-up installation for a non-profit organization  
Managing all social media accounts, promotional graphics, and websites for outreach  
Overseeing conceptual/construction design phases for residential/commercial projects  
Organizing application material for use in grants, publications, and seminars

**2020 - 2021**

**Architectural Intern** Dean Wenz Architects

Creating as-built models of existing residential buildings without documentation  
Drafting initial CD sets in Revit for complex of 250 detached apartment unit, including  
foundation plans, wall sections, roof framing plans, and notated elevations/plans  
Working with engineering firms to revise CD sets according to requests

**2019 - 2020**

**Materials/Digital Fabrication Lab Assistant** OSU's Knowlton School

Training students in fabrication; like CNC milling, 3D printing, and vacuum forming  
Tracking inventory of materials for ordering; receiving and recording inventory  
Troubleshooting equipment and starting a maintenance record by having a log system  
Supervising students in proper machine use and safe practices in the lab/wood-shop

**2019**

**Research Assistant** OSU's Knowlton School + Department of Anthropology

Assembling large oven and wood molds to make prototypes with recycled PET foam  
Generating milling files for all parts of the installation, including PET foam and wood  
Training volunteers on fiberglass/resin application to foam and supervising safety  
Organizing installation efforts; assigning tasks to volunteers and making final changes

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## Events

**2024** **OFFCUT/CUTOFF Exhibitor**  
Bahrain based workshop with MIT's Latifya Alkhatat

**2020** **Graduated with Honors Research Distinction**  
BS in Architecture from The Ohio State University

**2019** **Studio Book Award Recipient**  
Awarded in Knowlton School by Justin Diles

**2019** **Chile Study Abroad**  
School funded trip to study architecture in Chile

## Skills

**Software** Adobe Suite, AutoCAD, Revit, FARO Scene, Rhino, VRAY, Enscape, Grasshopper/Python in Rhino, Processing/p5.js, Unity

**Equipment** 3-Axis/5-Axis CNC mill, 3D printers, vacuum former, pen plotter & FARO laser scanner

**Language** Fluent in Urdu + English  
Proficient in Punjabi + Hindi