

ARPIT MALHOTRA

W-13, Escher Co-op Housing Ann Arbor, MI

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WORK EXPERIENCE

Digital Fabrication and Robotics Lab Assistant

Winter 2025 - Present

Taubman College of Architecture and Urban Planning | Ann Arbor, Michigan

- Operated and maintained laser cutter and 3D printer, ensuring optimal performance and consistent output, while providing technical support and troubleshooting.
- Trained students in machine operation, safety protocols, and digital fabrication techniques to promote lab efficiency and safety.

Project Architect & Assistant Manager

Jul 2022 - Jan 2024

Jul 2019 - Dec 2019

dp+ partners architects | Washington DC, US

- Executed projects in alignment with design intent and client expectations, collaborating with consultants through BIM to enhance coordination.
- Provided Construction Administration (CA) support, facilitating design changes during the construction stage for two wellness centers.
- Developed requests for proposals (RFPs) to support project initiatives.
- Designed and maintained the firm's website to enhance digital presence and client engagement.
- Conducted site visits, prepared close-out documentation, and developed mood boards to ensure compliance with project specifications and define design aesthetics and materiality
- Communicated design strategies and project updates in stakeholder meetings
- Conducted site visits, documented existing conditions, and assessed the structural integrity of a historic building.
- Created presentation materials, renderings, finishes selections, and mood boards

Architectural Assistant – Historic Preservation

Nov 2021 - Jul 2022

Hybrid

ARC, PC | New York City, US

- Contributed to historic preservation at Columbia University by preparing conservation reports and conducting building condition surveys.
- Supported restoration architecture by creating construction documentation (CDs), as-built drawings, and managing closeout documents.
- Assisted with payment application (AFP) paperwork

Project Architect & Assistant Manager

Jan 2020 - Jul 2022

Remote

Williams & Williams Architecture | Louisiana, US

- Designed adaptive reuse of a library from office spaces for Southern University, integrating sustainable and functional design solutions.
- Co-managed the SU Clinic project, overseeing design development through construction documentation.
- Managed and supervised outsourced international teams for rendering and drafting, ensuring seamless collaboration with construction teams and joint-venture firms.

- Coordinated with consultants and stakeholders, facilitating efficient communication and project alignment.
- Utilized BIM on Revit Cloud to develop accurate, collaborative, and real-time project documentation.

INTERNSHIPS

Interior Design and Rendering Consultant

Spring 2022

Remote

Heusch Studio | Paris, France

- Completed a freelance project involving interior design, 3D modeling, and rendering for a studio apartment in Paris, France.
- Utilized industry-standard software, including AutoCAD, Rhinoceros, and Lumion, to produce detailed and visually compelling 3D visualizations aligned with client expectations.

Concept Design Consultant

Summer 2018

Punjab State Police Department | Chandigarh, India

- Successfully transitioned from competition participant to concept design consultant.
- Created architectural concept drawings, presentations, and collaborated with stakeholders to optimize functionality, security, and sustainability.

Hiring and Social Media Manager

Fall 2017

AIQA – A Community-Based Nonprofit | Remote

- Oversaw social media strategy and engagement, boosting brand visibility and outreach
- Managed hiring paperwork, contracts, and compliance, ensuring smooth documentation

Architectural Volunteer for Social Impact

Summer 2017

The Elements | Chandigarh, India

- Providing free architectural design services to disadvantaged communities, improving living conditions through sustainable, affordable housing solutions.
- Documented existing residences, conducted site and contextual analysis to assess conditions and inform community-focused design strategies.

EDUCATION

Masters of Architecture

Expected: May 2026

University of Michigan | Ann Arbor MI, US

Bachelors of Architecture

Graduated: Jul 2021

Chandigarh College of Architecture | Chandigarh, India

Bachelors of Building Sciences

Graduated: Jul 2019

Chandigarh College of Architecture | Chandigarh, India

SKILLS

FABRICATION

BIM

MODELLING

DRAWING

GRAPHICS

CODING

VIDEOMAKING

RENDERING

Lazer Cutting | CNC Cutting | 3D Printing | Rod bending

Revit | Archicad

Rhinoceros | Grasshopper | Sketchup

Autocad

Adobe Suite, Unity, Bluebeam

Python

After-effects

Lumion, Vray

AWARDS

ACCOMPLISHMENTS

Top 45 Honourable Mention

International Mango Architecture

Top 48 Honourable Mention

Archresource Thesis Competition

National Winner

A3 Foundation Photography Award

All India Shortlisted Top 4

NASA Thesis CRIT Room panel

All India Shortlisted Top 8

CRIT Room Undergrad Portfolio Panel

National Juror's Choice Award

NASA G-sen Trophy - 2016

State Winners

Pop Up Market

Special Mention

Punjab State Govt. Housing Development

National Winners

NASA ANDC Trophy

All India Shortlisted Top 9

NASA G-sen Trophy - 2019