

CURRICULUM VITAE

EDUCATION

2022

University of North Carolina at Charlotte (UNCC), NC

Master of Architecture II, School of Architecture (SOA), GPA: 3.96/4.00

2018

University of Art, Tabriz, Iran

4-year Bachelor of Architecture, GPA: 17.86/20.00

Thesis: "Ecotourism Center in Golpayegan, Esfahan, Iran"

EMPLOYMENT

2022 - current

Little Diversified Architectural Consulting, Charlotte, NC

Architectural Designer, Mixed-Use Studio

- Contributed to numerous pursuit projects for office and community design, focusing on design phases and enhancing visual communication for presentations.
- Involved in R&D related to new technologies and AI; developed several workflows and scripts for modeling and visualization purposes, including Grasshopper and Stable Diffusion.
- Developed an interactive physical-to-digital platform for design communication and real-time client feedback during meetings.
- Worked in the Maker Space lab with laser cutting machines and 3D printers.
- Established firm-wide visualization techniques using both AI and rendering engines to enhance design communication.
- Participated in SD, DD, CD, and CA phases across multiple projects, managing construction administration tasks and producing detailed construction drawings.

Projects:

2024 - present

INPRO Manufactury - Charlotte, NC**165,000 SF warehouse + 10,000 SF office**

Manage construction administration and coordination for a major facility for Inpro, a leading U.S. manufacturer. Oversaw site visits, facilitated owner-driven design changes during construction, and managed communication between the general contractor and MEP teams. Delivered RTAP permit approvals and ensured code compliance. Produced technical data sets and construction documents to support execution and delivery.

2024

Project Golden Globe - Charlotte, NC**285,000 SF Expansion and Renovation**

Supported the design and delivery of a multi-million dollar heavy industrial facility expansion, including demolition and relocation of a 60,000 SF annex. Contributed to all construction documents and code-compliant planning for high-load equipment and infrastructure. Coordinated with international teams across the U.S. and Europe, participating in technical meetings and integrating complex MEP/FP systems. Helped guide layout and space design based on industrial standards and operational requirements.

Mohammad Fasahat

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2024

- **Compton High School - LA, CA**
176,000 SF community

Worked as design assistant to the principal on a 176,000 SF public high school campus in Southern California. Initiated the design process using large-scale physical models to define spatial language and enhance open space use in response to climate. Led visualization, created diagrams, and developed custom scripts to convert scanned geometries into Revit and integrate climate analysis tools. Participated in all phases, including coordination with institutional stakeholders and community input sessions

2023

- **Skyline National Bank - Charlotte, NC**
11,000 SF, Design-Build

Participated in all project phases from schematic design to construction documentation for a three-story bank and office building. Assisted the principal with architectural design, produced full construction documents, and led material selection and visualization efforts. Coordinated closely with engineering teams and the client to integrate code requirements and project goals. The project included a covered drive-through, remote teller systems, and significant site preservation efforts.

2022

- **526 Church st - Charlotte, NC**
160,000 SF Mixed-Use Development

Participated in early concept development through sketching and physical/digital modeling for a large-scale urban mixed-use proposal. Led the visualization process, producing high-quality still and animated renderings. Supported design strategy and massing explorations, contributing to the project's identity through form development, urban connection studies, and presentation material for client engagement

2020 - 2022

University of North Carolina at Charlotte (UNCC), NC

Research Assistant

- Member of the Integrated Design Research Lab (IDRL).
- Contributed to a chapter on sustainable design strategies and thermal mass. Utilized [Athena Impact Estimator] to generate charts and data on carbon footprint analysis.
- Analyzed case studies and conducted research on materials and construction methods for Net-Zero buildings.
- Created environmental climatic diagrams and infographics.

2021 summer

NBBJ, SanFrancisco, CA

Architectural Design Intern

- Worked on design iterations during the conceptual phase using parametric tools.
- Contributed to developing the design concept for a mixed-use project.
- Produced images, diagrams, and drawings to support the design process.

COURSE & CERTIFICATES

2025

Project Management Academy

Little

2024

Comfy UI & Stable Diffusion Scripting

Udemy Platform

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2021	C++ for Game Development (Unreal Engine) Udemy Platform
2020	Python Data Structures University of Michigan, Coursera Platform
2020	Programming for Everybody (Python) University of Michigan, Coursera Platform
2020	Introduction to Game Design California Institute of the Arts, Coursera Platform

INVITED TALK & REVIEWS

2024 fall	SOA/COAA UNCC , Lessons in Visualization and Composition Presenting fundamentals and techniques for storytelling and visualization to second-year graduate students.
2022 - 2024	SOA/COAA UNCC , Guest Critique Third Year Studio, Graduate Studio, Final Thesis Selection for Graduate Students (invited by Mona Azarbajani, David Thaddeus, Peter Wong)

AWARDS & FELLOWSHIPS

2023	Finalist in “teach on the Beach” , Archstorming, Ghana Designing an educational center in Ghana
2022	Editor’s Choice in “Awarding the best Architecture Portfolios Globally” , Uni.xyz Recognizes the best research and projects in design and related fields
2020 - 2022	Grad School Tuition Award (GASP) , UNCC, SOA 2-year Full tuition & RA position (\$78,000)
2019	Candidate Project for 2A Awards/Asia , 2A Award “Social Housing” Project - selected in Asia section
2019	Finalist in “Dayang Mountain Slow Traffic System” , Young Bird Plan, China International design competition for innovative urban systems - selected over 500 entries
2018	Ranked 2nd - Honored as Special Talent , Tabriz Islamic Art University, Iran Admitted to study a Masters degree directly
2018	Short Listed in “Miami Pavilion Restaurant” , Desire Designing, Miami, FL International competition to design a restaurant and pavilion
2018	Honorable Mention in “Roof Gallery Design” , Tabriz Islamic Art University, Iran National competition for rethinking a roof space design in TUA campus
2017	Recognized among the Top 5 in the ‘Best Student Designs Nationally’ , Tarhe Bartar, Iran Recognizing the best student design studio works on a national level.

PUBLISHED PROJECTS

2022

“Yard to Yard” Studio Project

Dezeen, SOA UNCC selected projects

2017

“A House in Yazd” Project

Villa Magazine No. 07 - Selected designs for housing in central region of Iran

SKILLS

SPECIAL

Digital Fabrication (CNC, Laser Cutting, 3D Printing) / Digital Matt Painting, Visualization and Cinematography

SOFTWARE

Rhino/ Grasshopper/ Revit/ 3DS Max/ AutoCAD/ Marvelous/ Adobe Photoshop, InDesign, Illustrator/ Unreal Engine/ VRay/ Corona Renderer/ Stable Diffusion, Comfy UI

CODING

Python, C++, JavaScript, HTML, CSS

LANGUAGE

English (fluent), Arabic (elementary), Persian (native)