

Mahdis Nourian

M.Sc. in Sustainable Architecture

Contact Information

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Profile

Highly motivated recent master's graduate in Sustainable Architecture with 8 years of experience in architectural design and a strong focus on environmental performance modeling. Skilled in drafting and passionate about creating functional, aesthetically pleasing spaces prioritizing sustainability. As an Envi-met software tutor, I excel in teaching urban microclimate simulation and analysis. Seeking an opportunity to further develop my expertise in climate-resilient cities design in a dynamic, forward-thinking organization

Education

M.Sc. in Sustainable Architecture <i>Iran University of Science & Technology, Tehran, Iran</i> Thesis: <i>"Neighborhood design in Tehran's 12th district focuses on mitigating the urban heat island effect by integrating vegetation and high-albedo materials"</i> The research aims to reduce the urban heat island effect by studying the impact of planting native trees on the street at different heights and densities. This is coupled with integrating green roofs and high-albedo materials to the most effective vegetation scenario, using Envi-met software. The study has evaluated the impact of these strategies on the thermal comfort of the inhabitants by calculating PET in Biomet. (The results obtained from this research, in the form of an ISI article and conference articles with a specific ISC code, are currently under review.)	Sep. 2021- Sep.2024 GPA 18.78/20
Certificate in Computer-Aided Interior Designer <i>Tehran Institute of Technology, Tehran, Iran</i>	April 2017-April 2018 GPA 98/100
B.Sc. in Urban Engineering <i>Payame Noor University, Tehran, Iran</i> Thesis: <i>"Sustainable Urban Development; The Other Urban Revolution"</i> The research focused on the environmental impact of urban agriculture on Tehran's old gardens to access sustainable development and present green urban design concepts.	Sep. 2011-Jan. 2016 GPA 16.98/20
Diploma in Mathematics <i>Salimi High School, Tehran, Iran</i>	Sep. 2007-June 2011 GPA 18.56/20

Work Experience

- UpgreenGrade |** URL: <https://upgreengrade.ir/> Aug. 2024 – Present
Envi-met Tutor Remote
Provide offline tutoring for Envi-met software version 5.6.1, a software specializing in simulating urban microclimate. Develop customized lesson plans and interactive exercises to cater to individual learning styles and goals, focusing on urban climate simulation and analysis. Support students in achieving proficiency with Envi-met features such as input data preparation, model configuration and result interpretation.
- PAMIDCO |** URL: www.pamidco.com Sep. 2018 – Mar. 2023
Co-Designer & Drafter at Civil Dep. Tehran, Iran
Drafting over 30 structural and architectural maps of the Bahabad Pelletizing Plant project using AutoCAD software, resulting in efficient project design and planning.
- GreenArt Design Group |** URL: www.GrnArt.ir July 2017 – June 2018
Assistant in Renovation Projects Tehran, Iran
Collaborated with a team to design and execute residential and commercial renovation projects, including drafting floor plans, elevations, and 3D models using SketchUp software.
- N.O.T Civil & Surveying Co. |** URL: - April 2016 – April 2017
Drafter in Development Plan of Sahne City, Iran Tehran, Iran
Worked as part of a municipal team to prepare a development plan for Sahne City using AutoCAD, creating comprehensive blueprints for the city's growth and expansion.

Skills

Professional Skills

- Software: AutoCAD, Revit, Sketchup, Envi-met, Design Builder

Personal Skills

- Teamwork, Organization, Problem-Solving, Adaptability

Awards & Certificates

Architecture at Zero Competition, Design Competition Finalist Issued: July 2023
A Design Competition for Decarbonization, Equity, and Resilience in California
The Farming Paradise proposal was recognized as one of the top ideas out of over 100 submissions. Participating in this international competition has helped me improve my skills in sustainable architecture on a global scale.

IELTS-Academic Certification Issued: June 2020
Obtained an overall band score of 7.0, demonstrating high proficiency in English as a second language. Credential ID: 20IR000644NOUM010A

Interests

- **Reading:** Passionate reader with an interest in architectural and urban design books, especially those related to sustainability.
- **Handicrafts:** Skilled in sewing and making jigsaw puzzles, demonstrating patience, attention to detail, and creativity.
- **Sports:** Enjoys swimming for exercise and relaxation, also regularly plays tennis as a hobby.

Language

- **Persian (Native)**
- **English**