

Pariya Ayati

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https://issuu.com/pariyaayati/docs/updated_portfolio_1

Master of Sustainable Design student with a focus on researching indoor environment quality improvement to promote sustainability practices through innovative design, seeking internship opportunities for Summer 2025.

EDUCATION

Carnegie Mellon University – Pittsburgh, PA

05/2026

Master in Sustainable Design

Relevant Coursework: Generative Modeling, Climate and Energy in Buildings, HVAC and Power Supply for Low-Carbon Buildings, Shaping Daylight Through Simulation and Virtual Reality, Environmental Performance Simulation, Building Performance Modeling

Islamic Azad University – Najafabad, Iran

12/2019

Bachelor of Architectural Engineering - GPA: 4.0

WORK EXPERIENCE

The School of Architecture at Carnegie Mellon University

08/2024 - Present

Research Assistant - Advisors: Vivian Loftness, Azadeh Sawyer

- Contributed to building performance research, lab and survey setup, and research archiving.

Afraz Architecture Group - Isfahan, Iran

01/2020 - 06/2024

Architect

- Produced plans, renderings, and elevations for high-end residential interior projects. Utilized Rhino, AutoCAD, and 3D Max software to complete construction drawings.
- Collaborated as part of a team in designing several residential complexes, responsible for interior retrofits and interior space renderings.

Total Home Architecture Office - Isfahan, Iran

09/2019 – 12/2019

Interior Designer

- Modelled and rendered building plans using AutoCAD, Revit, and Rhino software.

KhatePaydar Architecture Office - Isfahan, Iran

05/2019 – 08/2019

Intern

- Developed floor plans and renderings in AutoCAD and Revit software.

PROJECT EXPERIENCE

- Adaptation of Traditional Iranian Windcatchers to Passive Cooling Strategies and Contemporary Constructions. 12/2025
Carnegie Mellon University - Advisor: Dana Cupkova

CERTIFICATIONS

Accounting – achieved through DaneshPajooan Institute

10/2022

International Computer Driving License (ICDL) – achieved through DaneshPajooan Institute

11/2022

Central Heating System Repair – achieved through DaneshPajooan Institute

12/2021

LANGUAGES

English, Persian

INTERESTS

Innovative architectural design research, interests in green architecture and sustainable design, international travel, film and podcast enthusiast, hiking

SKILLS

Software: Rhino, Grasshopper, Climate Studio, Revit and BIM, 3D Max, Corona Renderer, Vray Renderer, Adobe Photoshop, Illustrator and InDesign, AutoCAD, Lumion, MS Office Suite

Methods: Hand sketching, patina wall painting

Soft Skills: Creativity, leadership, teamwork