



FAHIMEH DOKHANIAN

*building environmental sustainability
and LCA analyst*



EXPERIENCE

2017 - 2019

Freelance Architect

- While continuing my graduation program at the university, I worked as a freelancer in some companies. My biggest contribution at that time was to a small company namely Azhand Co.
- After gaining experience as a freelancer, I tried my fortune to apply for a job in an architecture company as a junior architect. I gained many experiences there, particularly in the area of interior and exterior design and city planning.

2019

***Residential design using passive systems
and energy efficiency in Semnan***

2020

***Participation in Zero Energy California
library design competition***

2020

***Participation in the creative school
design competition in the context of
sustainable culture and climate***

Energy and Architecture

Research work in the field of sustainability, environmental Life Cycle Assessment(LCA), Life Cycle Costing(LCC) and Life Cycle Energy Assessment(LCE), ecoefficiency and energy efficiency focusing on modeling different systems: construction materials, building components and passive strategies. bioclimatic design and ecoefficiency measures with a focus on building energy simulation and optimization.

EDUCATION

2018

**University Of Semnan
*Bachelor's Degree in Architecture***

2021

**University Of Hakim Sabzevari
*Master's Degree in Energy and Architecture***

SKILLS

Architectural Design



Graphical Design



Sustainable Design



Energy Efficiency



Light and Energy Modeling

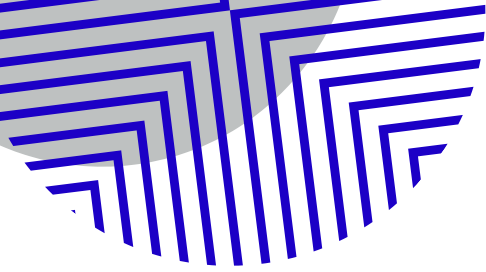


Life Cycle Assessment



Energy Optimization





COURSES

- **2022**
Regenerative Architectural
- **2021**
Optimizing energy and light in the building using Grasshopper pugins
- **2021**
Assessing the life cycle and carbon emission of building using One-click LCA
- **2021**
Assessing the life cycle and work with Open-LCA software-Amirkabir university
- **2021**
Building energy simulation using Ladybug -tools plugin
- **2021**
Python programming language in the Grasshopper

LANGUAGE

Persian



English



CONTACT

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2021

University project

- Redesign of neighborhood in Tabriz city, with the approach of improving energy efficiency and providing thermal comfort according to the climate.

2022

University project

- 3E evaluation(Energy, Environment and Economy) and optimization of external walls of secondary school in Sabzevar during life cycle.

2022

Scientific research

- optimization of external shading device of secondary school in Sabzevar city with the approach 3E (Energy, Environment and Economy) in the life cycle using LCA method.

2022

Department of Hakim Sabzevari University

- designing the shell of the administrative building of Hakim Sabzevari university Culture House with the approach of reducing energy consumption.

SOFTWARE SKILLS



Revit



Ladybugtools



Energy plus



One click LCA



Open LCA



Design builder



Illustrator



photoshop



Wallacei plugin