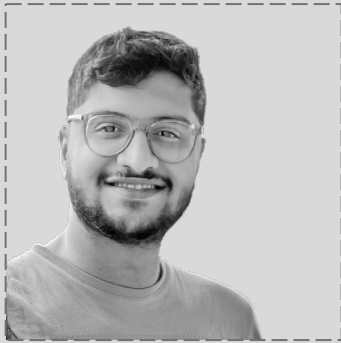




0 AMIR SHAMANI

ARCHITECTURAL TECHNOLOGIST]
COMPUTATIONAL DESIGNER]

Tehran, Iran

0 CONTACT

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0 LANGUAGES

Persian

English

000 CV

0 EDUCATION

- **Tabriz Islamic Art University** — *M.Arch in Architectural Technology (Digital)* 2016–2019
GPA: 3.64 / 4.0 | Thesis: *Interactive Shading System* (Grade: 4.0/4.0)
Merit-Based Scholarship/ Ranked 42nd in National Graduate Entrance Exam
- **Islamic Azad University, Central Tehran Branch** — *B.Sc. in Civil Engineering*
2010–2015

0 PROFESSIONAL EXPERIENCES

- **University of Tehran, Faculty of Fine Arts** – *Teaching Assistant* – 2024
Graduate Course: Interactive Architecture (Prof. Katayoun Taghizadeh)
- **Private Sector (Darrous, Tehran)**
 - Site Engineer 2020–2024
Supervised construction of a 12-story concrete structure.
 - Interior designer and project manager – 2024
Renovation of a residential unit.
- **Iranian Architecture Center**
 - *Instructor, Interactive Architecture Course* – 2023
 - *Lecturer, Online Seminar on Interactive Architecture* – 2023
- **Workshops & Academic Roles** (2016–2019)
Led and conducted multiple workshops and lectures focused on **Kinetic Structures, Mechanism Design**, and **Scissor-like Deployable Systems** at:
 - Iran University of Science and Technology
 - Tabriz Islamic Art University
 - Ferdowsi University of Mashhad
 - Islamic Azad University, Ardabil
 - Termeh Rasaneh, The 2nd Symposium of dynamic Architecture, Niroo Research Institute, Tehran, Iran
- **Tabriz Islamic Art University** – *Teaching Assistant, Architecture Design-II* – 2016
Instructors: Prof. Maziar Asefi, Prof. Farzin Haghparsat

0 TECHNICAL & SOFTWARE SKILLS

- Design & modeling

- Rhinoceros 3D●●●○○
- Grasshopper●●●●○
- Revit●●●○○
- Autocad●●●●○

- visualization & presentation

- Lumion●●●○○
- Powerpoint/prezi next.....●●●●○
- Photoshop●●●○○

- interaction & prototyping

- Arduino●●●●○
- Firefly plugin●●●●○
- Ghpython●●●○○
- Electrical circuits.....●●●●○
- Kinetic mechanisms●●●●○

- Artificial Intelligence

- ChatGPT, Gemini.....●●●○○
- Midjourney.....●●●○○
- n8n.io●●●○○

0 PUBLICATIONS

- *In Progress:*
Book – *Introduction to Interactive Architecture with Arduino and Firefly prototyping*
Co-authored with Prof. Katayoun Taghizadeh, University of TEHRAN
- *Published:*
ICETAD 2019 (Ryerson University, Toronto, CA)
Title: *Environmentally-Responsive and Human-Centric Interactive Shading Skin*
Authors: Amir Shamani, Maziar Asefi, Mohammadreza Chenaghloou

0 EXHIBITION

- **SCULPT Virtual Exhibition** – 2023
Collaborated with: Negar Kalantar (CCA, USA), Oleg Fryazinov (UK), Carlo H. Séquin (UC Berkeley)
<https://smiconf.github.io/2023/sculpt.html>
- **Patternitecture** – 2021
Pattern in Contemporary Built Environment, Niavaran Cultural Center, Tehran. (www.patternitecture.com)
- **5th National Toy Exhibition** – 2018
Institute for the Intellectual Development of Children and Young Adult, Tehran. (www.kpf.ir)
- **RINOTEX Innovation Expo** – 2017
6th Rab'e Rashidi Innovation and Technology Exhibition, Tabriz (www.rinotex.ir)

0 AWARDS & HONORS

- **2023** – *3rd Place*, Recip Toys, Innovative Toy Design – Architecture & People Festival
- **2023** – *4th Place*, Panto Toys – Architecture & People Festival
- **2018** – *3rd Place*, Wooden Toys – 5th National Toy Festival, Tehran
- **2018** – *Patent*, Nova Deployable Shading System, Registered in Iran

0 OTHER SKILLS

- **Team Collaboration** – Comfortable collaborating and leading teams in both academic and professional settings
- **Architectural Photography** – Strong eye for architectural photography and visual composition
- **Prototyping** – experience with CNC, laser cutting, and model making
- **Concept Development** – turning ideas into buildable concepts

