

# Shiva Mardani

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## Profile

- Master of Architecture, Iran University of Science & Technology (GPA 17.90/20)
- Bachelor of Science in Civil Engineering, Sharif University of Technology (GPA 16.34/20)
- Teaching Experiences in Technical Design of Building, Contemporary Architecture, Architecture Design, Engineering Graphics, AutoCAD, ETABS
- Interested in Modern and Traditional Architectural Design
- Profession in AutoCAD, ArchiCAD, Sketch UP, 3ds Max 2010, Photoshop
- Skilled in 3 Foreign Languages: Fluent in English and Turkish, Basic in Arabic

## Academic Education

**2008-2011, Master of Architecture- Major Residential Buildings, School of Architecture, Iran University Of Science & Technology (IUST), Tehran, Iran (GPA 17.90/20)**

- **Master's Thesis, Designed an Environmental Autonomous Residential Complex with Energy Concern Approach** Using passive & active systems in Bagh Bahadoran-Isfahan "an elected site for tourists, under supervision of Cultural Heritage Organization"  
Prof. A. Yazdanfar, Architecture Dept.
- **Designed a 180-units Residential Complex in Hengam St., Tehran, Iran**  
Prof. Fattahi, Architecture. Dept.
- **Designed a Climatic Residential Complex in a 3-hectare land, Lahijan, Iran**  
Caspian Mild and Wet Climate Type, Prof. A. Yazdanfar of Architecture. Dept.
- **Designed a Rehabilitation of a 3-hectare land of Sanglaj Traditional District, Tehran, Iran**  
(One of the oldest urban districts of Tehran): A complex residential, commercial and cultural buildings next to Sanglaj Theater (the oldest theater of Tehran),  
Prof. Hashemnezhad, Architecture. Dept.
- **Designed a Rehabilitation of a 3-hectare land in Evin Residential District emphasizing on social valency preservation and affordable housing based on SWOT analyses**  
Prof. Ghaffari, Architecture Dept., Shahid Beheshti University

**2003–2008, B.S. in Civil Engineering, Sharif University of Technology (SUT), Tehran, Iran (GPA 16.34/20)**

## Teaching & Research Experience

### ***Sharif University of Technology, Tehran, Iran***

#### **2013-present, Lecturer**

- Civil Engineering Drawing for undergraduates

#### **2012-13, Teaching**

- AutoCAD for undergraduates

#### **2006, Teaching**

- ETABS Software for undergraduates

### ***Islamic Azad University of Parand , Tehran, Iran***

#### **2014-present, lecturer**

- Contemporary Architecture for undergraduates
- Architectural Design for undergraduates

### ***Shari'ati University , Tehran, Iran***

#### **2015-present, Lecturer**

- Computer Application in Architecture for undergraduates

### ***University of Science & Technology , Tehran, Iran***

#### **2011, Research Assistant**

- Energy Base Buildings, Passive & Active Design Systems, Prof. Yazdanfar ([yazdanfar@iust.ac.ir](mailto:yazdanfar@iust.ac.ir))

#### **2008, Researcher**

- Developing architectural models in traditional architecture of Iran based on the concept of Khalvat (a kind of meditation space) in Hafez poetry, Iran

#### **2007, Teaching Assistant**

- Technical Design of Building for Undergraduates

## Work Experience

### **Parsa Moshaver Co. (2012-Present)**

- **Yaser Building, Niavaran, Tehran**

Residential, 2800 sqm, 7 story

Interior Design

- **LivSun Complex, Kelardasht, Mazandaran**

Commercial, 6,000 sqm, 7 story

Plan Redesign and Interior Design

- **Ali Abad Industrial-Agricultural Farm, BuinZahra, Qazvin**  
Industrial-Agricultural farm for 25 hectares under cultivation  
Plan and Landscape Design

- **Eng. Feizi's Villa, BuinZahra, Qazvin**  
Villa, 500 sqm, 2 story  
Plan, Façade and Landscape Design

### **Laleh Bozorg Co. (2011-2012)**

- **Ararat Multifunctional Towers, Tehran**  
Hotel, Hyper Market, Administrative, Commercial and Residential, 274000 sqm, 3 Towers, 45 story  
Plan, Façade and Landscape Design

- **Heravi Complex, Tehran**  
Residential & Commercial, 11000 sqm, 23 story  
Plan and Facade Design

- **Dr. Hashemi's Building, Tehran**  
Residential, 1000 sqm, 7 story  
Plan and Facade Design

- **Aria Sanitarium, Tehran**  
Sanitarium & Hospital & Administrative, 400,000 sqm, 5 blocks \* 5 story  
Plan, Façade and Landscape Design

### **Freelance Architectural Projects (2011-Present)**

- **Sharif University Research and Technology New Campus, District 22, Tehran**  
Architectural Consultant in Primary Landscape and Central Building Design  
Project Manager: Prof. Meghdari

- **Knowledge Farm, Mahalat, Markazi**  
8-hectare "Knowledge Farm" for Rahbord Danesh Pouya. Co  
Member of Designing and Value Engineering Team

- **Experimental Emergency-Warm Shelters, Azerbaijan**  
Emergency-warm shelters using "Super Adobe" method after earthquake  
Manager of Design and construction Team

- **Oman Airport's Parking, Oman**  
Pre design for bidding procedure for TECL company

- **Vardavard Building, Tehran**

Residential, 2000 sqm, 7 story  
Plan, Façade and Interior Design

- **Jamaran Building, Niavaran, Tehran**

Residential and Commercial, 1000 sqm, 7 story  
Plan Design

- **Roodehen Villa, Tehran**

Villa, 800 sqm, 2 story  
Plan and Façade Design

- **Parre Sar Villa, Guilan**

Villa, 300 sqm, 2 story  
Plan and Façade Design

- **Eng. Moshiri's Apartment, Saveh, Markazi**

Residential, 200 sqm, 1 Apt.  
Plan Redesign and Interior Design

- **Dr. Babajani's Apartment, Qeitariyeh, Tehran**

Residential, 250 sqm, 1 Apt.  
Interior Design

## **Honors and Awards:**

- Feb 2010 and 2009, July 2009, Iran University of science and Technology Award, 1st project in class ranking out of Master successful Residential design students
- 2008, Rank of 90 in the ' National University Entrance Examination' for the Master of Arch. program studies out of 20,000 students,
- 2004 and 2005, Exceptional Talented Student Award, SUT, Iran
- 2004, ICI (Iranian Concrete Institute) award winner 4th place in the ICI Cube Competition, held along with Iranian Concrete Day Convention, Tehran, Iran
- 2002, Elected as one of the best students with GPA 19/86 out of 20 in Tehran high schools

## **Computer skills & programming**

**Architectural Software:** AutoCAD, ArchiCAD, Sketch UP, 3ds Max 2010, Photoshop

**Structural design software :** SAP2000, ETABS, SAFE

**Others :** MATLAB, HEC\_RAS, EPANET

## **Extracurricular Activities & Hobbies**

- 2005-2008, Member of Student Union, Elected by students, Sharif University of Technology
- 2004-2007, Executive Member of Tourism and Traveling Club, Sharif University of Technology
- Family, Travel, Camping, Volleyball, Swimming, Hiking, Movie, History, Reading Psychology and Sociology Books