

Iman Sheikhsari

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Education

Sep 16 - Jun 18

Pars University, Tehran, Iran.

Master of Science in Architecture and Energy.

Ranked 1st Among Master Students of Architecture and Energy. (GPA:18.9/20.0)

Thesis: Mass Custom Design for Sustainable Housing in Iran, Prof. Mahmood Golabchi.

Sep 11 - Jun 16

Islamic Azad University, Tehran, Iran.

Bachelor of Science in Architecture.

Ranked 1st Among Bachelor Students of Architecture. (GPA:18.4/20.0)

Thesis: Karm Al Jabal District Design (Aleppo, Syria), Prof. Alireza Gholinejad Pirbazari.

Honors and Awards

Mar 19

Second Prize Of 4th Iran National Skill Contest, Fanavard

Sep 16

Exceptional Talents Scholarship, Iran Ministry of Science, Research and Technology

Apr 09

Iran National Aerospace Competition Honorable Mention, Amirkabir University
2 Stage Water Rocket

Research Interests

Mass Personalization Computational Environmental Design

Democratic Design Zero Energy Mass Custom Home

Publications

Sheikhsari, I. "Aleppo Historical Architectural Patterns Analysis". Submitted for Bagh-E Nazar Journal. (Written in Persian)

Sheikhsari, I. "Tehran Office Buildings Facades Variant Evaluation with The Approach of Energy Consumption Reduction". Submitted for Bagh-E Nazar Journal. (Written in Persian)

Sheikhsari, I. "Computational Regeneration of Iranian Architectural Ornament in Islamic Era". Revised for Fine Arts: Architecture and Urbanism Journal. (Written in Persian)

Feb 19

Sheikhsari, I., & Sheikhsari, R. (2019). "Strategies Analysis for Effective Stakeholder Participation in Urban Renewal Projects by Mass Customization". 1st National Conference on Worn-Out Urban Textures, Tehran. (Written in Persian)

Feb 19

Sheikhsari, I., & Sheikhsari, R. (2019). "Strategies Analysis for Effective Stakeholder Participation in Urban Renewal Projects by Mass Customization". 1st National Conference on Worn-Out Urban Textures, Tehran. (Written in Persian)

Dec 18

Sheikhsari, I., & Sheikhsari, R. (2018). "Examining the Impact of Mass Customization on The Success Factors of Building Projects". 3rd International Conference on New Findings of Civil, Architectural and Iran Building Industry. Tehran. (Written in Persian)

Dec 18

Sheikhsari, I. & Sheikhsari, R. (2018). "Mass Customization Implementation In Real Estate Project Management". International Conference on Civil Engineering, Architecture and Urban Management in Iran. Tehran. (Written in Persian)

Jul 17

Sheikhsari, I., & Nasrollahi, F. (2017). "Analysis of Passive Kinetic Shading in A Warm and Dry Climate". First International Conference on Civil, Architectural and Sustainable Green City. Hamedan. (Written in Persian)

Academic Experiences

Pars University, Tehran, Iran.

- Fall 19 – Present* **Teaching Assistant** in Digital Architecture, Design Studio, Ali Andaji.
Assisted Students over Creating Computer-Mediated Collaborative Design Toolkit for Residential Complex Architecture and Urban Design.
- Fall 18, Spring 19* **Lecturer** in Energy and Architecture, Building Energy Simulation.
Instructed Students in Computer-Aided Design Connection to Validated Simulation Engines by Ladybug Tools.
- Spring 19* **Assistant Lecturer** in Energy & Architecture, Design Studio, Vahid Ghobadian.
Advised Students over Data Driven-Design and Environmental Variables.
- Spring 18* **Teaching Assistant** in Energy and Architecture, Building Energy Simulation, Armin Mostafavi.
Facilitated Students over Building Performance Simulation and Reduction of Energy Use Intensity.

Islamic Azad University, Tehran, Iran.

- Spring 17* **Teaching Assistant** in Architecture, Design Studio, Alireza Gholinejad.
Provided Students with Detail Design and Construction Methods.
- Fall 15* **Teaching Assistant** in Architecture, Computer Applications, Mehrad Mahnia.
Assisted Students in Algorithmic Architectural Software Use and Digital Fabrication Techniques.

Work Experiences

- Mar 17 - Present* **Null Platform**, Tehran, Iran.
Founder & Director at null platform, Antidisciplinary Design Platform.
Developed Solution Space for Value Engineering Through Design and Choice Navigation.
- Dec 17 - Present* **E-Pedia**, Tehran, Iran.
Co-Founder at E-Pedia, Sustainable Energy Management.
Evaluated Real Estate Performance in Tehran Over Diverse Cases of Sustainability.
- Jun 19 – Sep 19* **Atiesazan Architect**, Tehran, Iran.
Senior Designer of Dayyer Residential Complex Master Plan.
- Feb 19 – Mar 19* **Freelance Architect**, Tehran, Iran.
Interior Designer of Mona Darayi Beauty Salon.
- Sep 18 – Nov 18* **Sharpay Architect**, Tehran, Iran.
Interior Designer of Zaferaniyeh Dental Clinic.
- Dec 17* **Kiwco**, Tehran, Iran.
Environmental Analyst of Atieh Hospital (Curtain Wall Façade).
- Jul 14 – Aug 14* **LED Architect**, Tehran, Iran.
Environmental Analyst of Royal Complex (Shading Design).

Teaching Experiences

- May 19 – Nov 19* **Caai**, Tehran, Iran.
Director of Computational Environment Design Courses, Clima|Code.
- Nov 18 – Dec 18* **Pars locad**, Tehran, Iran.
Instructor at Ladybug Tools Workshops.

Sep 17 – Dec 17 **University of Tehran**, Tehran, Iran.
Director of Rhinoceros 3d Courses.

Jun 15 – Aug 15 **Mehregan Tarh**, Tehran, Iran.
Instructor of Rhinoceros 3D and Grasshopper Courses.

Sep 14 – Dec 14 **Architect Role Magazine**, Tehran, Iran.
Instructor of Rhinoceros 3D and Grasshopper Courses.

Related Academic Courses

Jan 19 **The Fundamentals of Business**, Smart.ly

Apr 18 **Sustainable Cities**, SDG academyx

Feb 18 **Urban Energy and Environmental Planning**, Hadi Teherani Architect & Pars University

Sep 14 **UTC_FablabIII: Rediscovering Oriental Fabrication Language**, University of Tehran

Sep 13 **UTC_FablabII: Responsive Design**, University of Tehran

Skills

CAD Software **Rhinoceros 3D, Grasshopper 3D, ArchiCAD**

CG Software **Adobe Photoshop, Illustrator, After Effects, InDesign, Muse**

Game Engine **Unity**

Programing Language **Python, Processing**

Prototyping **3D Printing, CNC Milling, Arduino**

Simulation Software **Energy Plus, Open Studio, Radiance, Daysim, Ladybug Tools**

References

Mahmood Golabchi Professor of Civil Engineering and Architectural Technology
Head of UNESCO Chair Program in Architecture
University of Tehran
golabchi@ut.ac.ir

Ali Andaji Garmaroodi Lecturer in Architectural Technology
University of Tehran
aliandaji@ut.ac.ir

Behrang Sajadi Assistant Professor of Mechanical Engineering
University of Tehran
bsajadi@ut.ac.ir