

Pegah Rahmani

Curriculum Vitae

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Portfolio (Click me!)



Education

- 2020–present **Master of Architecture**, *University of Nebraska - Lincoln*, Lincoln, NE, USA.
current GPA: 4/4
- 2014–2016 **Master of Architecture**, *Azad University*, Tehran, Iran.
GPA: 4/4, Summa Cum Laude, 1st Rank
- Thesis title “*Explain the design principles of collective centers to reduce the cultural issues with approach of creating sense of belonging to the place*”,(case study: conventional center in Tehran)
- Advisor Dr. Roozbeh Naghshineh
- 2014–2015 **Interior Design Course**, *Tehran University of Art*, Tehran, Iran.
- Thesis title “*Cluna Plus Bistro*”
- Advisor Reza Najafian
- 2009–2013 **Bachelor of Architecture**, *Azad University*, Tehran, Iran.
GPA: 3.92/4, Summa Cum Laude, 3rd Rank
- Thesis title “*Haft Chenar Multiplex Cinema*”
- Advisor Dr. Atefeh Dehghan

Research Interests

- Application of Digital Technology to Building Design
- Emerging and Smart Fabrics and Technologies in Post-Earthquake Architectures
- Sustainable Design and Construction for Health-Care Facilities Plans
- Environmental Issues in Building and Interior Designs
- Integration of Green Technology and Building Systems for Enhanced Sustainability in Architecture
- Energy Generation and Conservation Technologies, Passive systems
- Design Innovation in High Performance Facade and Enclosure Systems

Publications

- 2018 **P. Rahmani**, and L. Zare, “Analyze the healthy interaction between the past design principles of collective centers and the younger generation considering sustainability,” *4th International Conference on Architecture, Materials and Construction*, (ICAMC 2018), Barcelona, Spain, November 2018, to be submitted.
- 2016 **P. Rahmani**, and R. Naghshineh, “How to read optical illusion and use of ambiguity in art and architecture,” *2nd International Congress on New Horizons in Architecture and Planning, Approach Development and Technology*, (HIAP), Tehran, Iran.

- 2016 **P. Rahmani**, and R. Naghshineh, “The sum of beauty performance and stability to build shelter,” *3rd National & 1st International Conference on Apply Researches in Civil Engineering, Architecture Urban Planning, (CAUP)*, Tehran, Iran.

Teaching Experiences

- Teaching Assistant **Design Making**, University of Nebraska - Lincoln, Lincoln, NE, USA, Spring 2022. *Tutor:* Dr. Nolan Golgert
- Teaching Assistant **Introduction to Computer Modeling for Interior Design**, Arizona State University, Phoenix, AZ, USA, Spring 2020. *Tutor:* Dr. Diane Bender
- Teaching Assistant **Introduction to Computer-Aided Design and Building Information Modeling**, Arizona State University, Phoenix, AZ, USA, Spring 2020. *Tutor:* Dr. Diane Bender
- Tutor **Autodesk Revit Architecture for beginners**, Spring 2012-Present.
- Designing and Preparing projects and Assessments
 - Tutoring Daily Lab to about 10 students per year
- Tutor **Postproduction in Photoshop for beginners**, Spring 2015-Present.
- Designing and Preparing projects and Assignments
 - Tutoring about 20 students
- Tutor **Rhinoceros 3D and Grasshopper 3D**, Fall 2013 through Spring 2017, Azad University, Tehran, Iran
- Teaching course Materials to about 40 students per semester
 - Designing and Preparing projects and online evaluation
- Tutor **Rhinoceros 3D and Grasshopper 3D**, October 2015, ReCoding Couture Workshop, Tehran, Iran
- Tutoring about 18 students
 - Fashion in Architecture by Parametric Design
- Teaching Assistant **Architectural Design V**, Azad University, Tehran, Iran, Spring 2016. *Tutor:* Dr. R. Naghshineh and Mr. A. Pourmoghadam
- Teaching Assistant **Human, Nature, Architecture**, Azad University, Tehran, Iran, Spring 2014. *Tutor:* Dr. R. Askari and Dr. N. Fouladzari
- Teaching Assistant **Survey of Historical Buildings**, Azad University, Tehran, Iran, Spring 2014. *Tutor:* Dr. Kaveh Mansoori
- Teaching Assistant **Computer Application in Architecture**, Azad University, Tehran, Iran, Fall 2013. *Tutor:* Mr. Mehran Mahnia
- Teaching Assistant **Introduction to Architecture of the World**, Azad University, Tehran, Iran, Fall 2013. *Tutor:* Dr. M. Mohammadi

Work Experiences

- 2021 **Design Intern**, HDR Incorporation, Omaha & Lincoln, USA.
- 2017-2019 **Project Supervisor and Architectural Designer**, Dafineh-e-Sabz (Landscape Design Group), Tehran, Iran.
- 2013-2019 **Architectural Designer, Interior Designer, and Landscape Designer**, *PRchitecture Design*, Tehran, Iran.
- 2014-2015 **Architectural Designer**, 4Bahoo Architecture Studio, Tehran, Iran.
- 2013-2014 **Architectural Designer**, SARIA Group, Tehran, Iran.
- 2011-2012 **Architectural Designer**, Dafineh-e-Sabz (Landscape Design Group), Tehran, Iran.

Certificates

- **Advanced Interior Design Diploma (Program)**, Tehran University of Art, 2015.
- **Post-Production Foundation Certification**, Iranian Architecture Center, 2014.
- **Rhinoceros 5 + Grasshopper + V-Ray Certification**, Iranian Architecture Center, 2014.
- **Autodesk Revit Architecture Certification**, Iranian Architecture Center, 2013.
- **Adobe Photoshop, Adobe Certified Expert (ACE) Certification**, Iranian Architecture Center, 2012.

Honors and Awards

- HDR Scholarship with \$10'000 grant and Summer internship, 2021.
- Roger L. Schutte student excellence fund, Fall 2021.
- Editor Choice and Top 30 for Winter Pavilion (CHIMNEYS) by SWITCH competition, 2020.
- Our product entitled "ORIABITO" presented and got 1st ranked in INVITE 2016 hosted by *Contemporary Architects Association of Iran (CAAI)*. ORIABITO shown in Ordibehest Gallery and presented in Maker Faire Rome 2016 exhibition and China Fashion Week 2016.
- Appreciated project entitled "inside-out" ranked among top 1% of approximately 250 participants in First Wooden Door Competition, Tehran, Iran, 2015.
- Admission from University College London (UCL) for M.Arch degree, with acceptance rate around 30%.

Professional Activities

- Organize and Hold the Planet Conference by Farshad Mahdizadeh, 2012.
- Editorial Board member of White Cube (Mokaab-e-Sefid) journal, Azad University, Tehran, Iran, 2012-2013.
- Participated in LEED, BREEAM and other System of Urban Sustainability course, taught by Hamid Erfanian and Vahid Shaliamini.
- Member of Young Researchers and Elite Club Since 2010-2016.
- Design and Preparation of temporary shelter for East Azerbaijan province Earthquake, 2012.

Participation in Conferences/Seminars

- 2014 **Architect-Client**, The Ninth International Architecture Seminar, Tehran, Iran.
- 2012 **Gorden Bunshaft & Kenzo Tanges**, The Fifth Forum for Thoughts & Designs Analyzing of Contemporary Architects, Tehran, Iran.
- 2011-2012 **Pakate Abi (architect gathering 9 and 18)**, from Thought to Act, School of Architecture College of Fine Arts, University of Tehran, Tehran, Iran.
- 2011 **NADAAA by Nader Tehrani**, Second International Architecture Workshop/Seminar on the City, Center of Excellence in Architectural Technology (CEAT), Tehran, Iran.
- 2011 **Monument Restoration Projects**, Khane-e Mashrotyat-e Esfahan, Tehran, Iran.

Computer Skills

- **Expert in:** Autodesk Revit, Photoshop, post production, Rhinoceros, Lumion, Microsoft Office, Autodesk AutoCAD.
- **Familiar with:** Grasshopper, Indesign, Illustrator, 3D Studio Max, 3D Max V-Ray, Google Sketch-Up.

References

Available upon request