

M A H D I A L I B A K H S H I A N

BA / M.Arch / PP.D

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Education:

Post – Professional Degree in Architecture (University of Pennsylvania, Philadelphia, USA) ----- **2009-2010**

- Concentration: Digital Design
- Coursework: Research software base studio (I, II), form & algorithm, writing in architecture, self-organization in dynamic cities, digital ceramics, sustainable urban forms, swarm intelligence, digital fabrication.
- Workshops: Rhino script, Grasshopper, Generative Component
- Final Studio Thesis: "Iran's Expo 2015 - Questioning past for the future " under direction of professor Homa Farjadi

Master of Architecture (University of Tehran, Tehran, Iran)-----**2005-2008**

- Interdisciplinary studios through programming in architecture (i), conceptual architecture (ii) and construction base studio(iii)
- Final Thesis: "A virtual village with approach to defining an architectural revolution in contemporary architecture of Iran."

Bachelor of Architecture, Islamic Azad University, Tehran, Iran -----**2001-2005**

- Elementary architectural languages and studios

Academic:

Guest reviewer for the course of drawing & representation (Yale School of Architecture) ----- Fall2012-2013

Guest Lecturer for the course of Islamic Ornament (Rohd Island School of Design)-----Fall2012

Studio Design 3 Critique (Wentworth University)-----Spring 2011

Studio Assistant Professor (University of Tehran)-----Fall2007-Spring2008

Personal Projects

Qastic, New Haven, USA ----- July 2010- Present

- Court yard Installation, Plazzo Bembo, Venice Architecture Biennale, (ongoing) 2014
- Floatastic product line available in the market in various sizes (SD-DD-CD) 2013
- LA Star walk pavilion for Time Warner's Company, Hollywood, California (SS,DD, ongoing) 2013
- Ryerson University Pavilion During ICAMA 2013 2013
- Floatastic Pavilion for a private client in New Haven, (SD-DD-CD) 2013
- Street Fest Installation in New Museums of New York City (SD- Competition Entry) 2013
- Applied Research Through Fabrication(SD-Competition Entry) 2012
- Long Island City of Dreams Pavilion New York (SD-DD) 2012
- Mashhad Car Mall Center (SD- Competition-Third Winner Prize) 2012
- Ceramic Wall Installation – Boston Institute of Contemporary Art(SD-DD-CD) 2010
- Scheme for Zagros Multi complex center, Tehran, Iran (SD) 2009
- Rain House, Namak Abroud, Iran(SD,DD) 2008
- Iran International Trade Center Competition(SD- Second Winner Prize) 2007

- Tehran Tarbiat Modarres University Entrance Gate competition (SD- Third Winner Prize) 2007
- Zomorod commercial building's elevation and two front stories, Mashhad, Iran (SD-DD-CD-Built) 2005

Professional Collaborations

Pelli Clark Pelli Architects, New Haven-----October 2011- Present

- Yan Tian Luxury town house lay out SOHO in China (SD-DD)
- Main Lobby Building for adjacent residential towers in China (SD-DD-CD)
- Gateway Entrance for the whole Yan Tian Complex (SD-DD-CD)
- Wanda Wuhan Mall in China (Competition-SD)

NADAAA(Office da), Boston -----July 2010- October 2011

- Porto Rico national museum Preservation (SD-DD)
- Parcel 9 multiplex in south end Boston (SD)
- University of Melburn Architectural school
- Hyundai Pavilion YEOSU EXPO (SD)
- Guwanjue installation SD-DD
- Ceramical walls composed of ceramic components as products (DD)
- Ordos residential Building (SD)
- DC House (DD-CD)
- MIT Installation for the anniversary of the university (SD)

Koetterkim & Associates, Boston-----2011

- Collaboration for KACare Master Plan competition of King Abdullah City for Atomic and Renewable Energy in Saudi Arabia.
- Urban design for phase one residential district
- Garden center for eastern entrance of the city tackling infrastructure and landscape based on programmatic issues.
- Proposals for parametric sustainable facades concerning the optimization of light and wind usage for Research and development buildings of phase one.

Fluid Motions Architects, Tehran (association) ----- 2007-2008

- Golfam Official Building (SD-CD-DD)

Awards:

Professional

- **Honorable Mention** - Architects Newspaper Best of Awards for the Floatastic, -----December 2013
- **2nd Prize for the National award for** Iran Industrial Trade Center (professional competition)----- June2007
- **3rd Prize** of Tehran Tarbiat Modares University Entrance building (pro. competition) ----- May2007
- **1st winner Prize** for proposing elevation model for old streets of Tehran -----Feb2007

Academic

- Penn school of Design- Gray Steel tuition Scholarship 2009
- Full Tuition Fellowship Tehran University Scholarship, 2006
Ranked 2nd among Nearly 3500 Participants in the nation-wide university entrance exam for M.A degree in Architecture regarding to theoretical exam and free hand sketching.

Publications:

- M.Alibakhshian, Five New York architects after 40 years, Sharestan Magazin, Tehran, Iran 2013
- Interviewed Peter Eisenman, Michael Graves, Richard Meier, Bob Stern and Cesar Pelli, Ongoing 2013

- M.Alibakhshian, Floatastic Pavilion, Architecture and Culture Magazine, HISE Magazine , Architizer, Evolo, Archdaily, Dezeen, Glamour, New Haven independent and New York times among many others 2013
- Balance through buoyancy, Peer reviewed at Architectural Science 2013
- M.Alibakhshian, N.Hadely, M.R.Mojahedi, "Balance Through Buoyancy", Oral Presentation, on site Installation grant & publication in the book awarded, ICAMA2013, Toronto, Canada 2013
- M. Alibakhshian, "Embracing Natural Organism for informal urbanism " 2010
- M. Alibakhshian, Revolution in contemporary architecture of Iran (M.S thesis) 2009
- M. Alibakhshian, Associated with M.Jafarian "cultural & social principle impacts on form in contemporary architecture of Iran" 2007
- M. Alibakhshian, (2004) "Art timelines which considers historical & science evolution Literature, philosophy, painting & sculpture, In regard to Architecture from 1750 to 2005" 2004

Exhibitions:

- Venice Architecture Biennale 2014, Palazzo Bembo Court Yard installation (ongoing) 2014
- Small Architecture for private economy in Month of design exhibition, Ljubljana, Slovenia 2013
- Lamda Project installation, Contemporary museum art, Athens, Greece. 2010
- Project installation, Smart Geometry, Barcelona, Spain 2010
- National(Melli) Award competition exhibitions, Niavarn Culture Center, Tehran, Iran 2007

Activities:

- Apomechanes summer Workshop/Seminar/Studio, Athens, Greece:** 2010
- Exploration through Nonlinear algorithmic designs. Eventually installing a complex system aggregation in contemporary museum art, Athens, Greece.
- Smart Geometry Workshop / Conference, Barcelona:** 2010
- Exploration in parametric and computational geometries and behaviors using tools such as Bentley Generative Components and Processing in Nonlinear design through biological prototypes in cluster of Jenny Sabin and Peter Jones.
- National Council on Education for the Ceramic Arts (NCECA), Philadelphia:** 2010
- Exploration in digital based ceramic components to create ceramic walls applicable as energy maintainer, cover, plant growth and interior charming walls.
- Space Frame structures workshop/conference, Tehran:** 2008
- Exploration in potential variation of space frame structures to develop 3D applications of structure
- Travel Experience:**
- Travelling throughout Spain, Sweden, Italy, Austria, France, Belgium, Denmark, United, Arabic Emirate, Turkey, Cyprus, Greece and most of US states studding their architecture and Culture.

Skills

Applications:

- AutoCAD, Revit, 3D Studio Max, Rhino, Generative Component, Maya, Sketch up, Geo Magic, Catia

Graphics:

- Illustrator, In Design, Photoshop, Adobe Acrobat, Adobe After effect

Computer Languages:

- (Mel) Rhino script, Processing, Maya script

Languages:

- English** (Fluent)
- French** (intermediate)
- Farsi** (mother tongue)

References

1. Nader Tehrani, Nadaaa.Inc, Principal
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2. Susie Kim, Koetterkim Associates, Principal
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5. Reza Daneshmir, Fluid Motion Architects, Principal
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6. Roland Snooks, Kokkugia, Principal, Professor at PennDesign
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