Ahmad Rajabi

ARCHITECTURAL DESIGNER / MSC POLITECNICO DI MILANO

Chilliwack, BC, Canada
+1 672 558 6249
ahmad9rajabi@gmail.com

PROFILE

Architectural designer with an MSc from Politecnico di Milano (110 cum laude) and 7+ years of practice across Italy, Spain, Iran and Canada. Works from concept and competition design through visualization and presentation, with a focus on transforming existing buildings, industrial sites and heritage. Combines 10+ years of Rhino/Grasshopper and Adobe Creative Suite with AI-assisted visualization, coding and design workflows. Two national competition prizes and two publications on digital heritage documentation.

EXPERIENCE

Design Architect and Researcher — 2025 – Present
Dami Lee (Nolli Studio) · Vancouver, BC · Hybrid

- Architectural design and design research for Nolli Studio projects
- Develop international competition entries, from concept through visualization
- Produce diagrams, drawings and presentation material for publication and video

Survey Drafter — Jul 2026 – Present
Ambit Land Surveying Ltd. · Agassiz, BC

- Produce topographic and site surveys: the base drawings architects design from
- Read sites in depth: terrain, levels, setbacks and environmental constraints that shape what can be built
- Build custom digital tools with AI-assisted coding to speed up drafting workflows

Architectural and Environmental Designer — 2019 – 2025
O'Rain (start-up) · BC · Remote, part-time

- Design research on rainwater harvesting for communities, farms and houses, integrating water collection into buildings and landscapes
- Developed parametric design tools in Rhino/Grasshopper and presentation material for international innovation competitions

Architect and Team Manager — 2021 – 2022
Entekhab Design Studio (Snowatech) · Isfahan, Iran

- Led a team of designers on residential, interior, renovation and office projects
- Launched a kitchen-design and residential-renovation start-up

Project Architect — 2020 – 2021
Farshad Mehdizadeh Design (FMZD) · Tehran, Iran

- Project architect for Suspended Pergolas Residence, a mid-rise residential building in Farmanieh (under construction)

Architectural Designer — 2018 – 2020
Shahr-o-Khaneh Consulting Engineers · Isfahan, Iran · contract, alongside heritage research

- Concept design of a residential tower in Chabahar, Iran

Architectural Intern (Erasmus+) — 2017 – 2018
Serra Vives Cartagena Arquitectes (SVC) · Barcelona, Spain

- Design and drafting for a residential mid-rise and a hospital regeneration project

Drafter — 2010 – 2014
Modern Eskan · Isfahan, Iran · alongside BSc studies

COMPETITIONS & AWARDS

2019 — **Finalist Prize** — Qavam Al-Din Architecture Competition Workshop, 5th Edition, Shiraz, Iran (children's playground)

2018 **4th Prize of 5 winners** — Risbaaf Urban Regeneration National Competition, Ministry of Roads and Urban Development, Iran (industrial heritage regeneration, Isfahan)

2018 **National Elite Foundation Prize** — research on Persian garden heritage for the Ministry of Cultural Heritage, in place of military service

2017 **Competition entry** — YAC (Young Architects Competitions), Pinocchio Children's Library, Collodi, Italy

2017–18 **Erasmus+ Traineeship Scholarship** — Barcelona

2014–17 **Gold Merit Scholarship** (full fund) — Politecnico di Milano

EDUCATION

MSc in Architecture 2014 – 2017
Politecnico di Milano · Italy

- Sustainable Architecture in Multi-Scale Projects; 110 cum laude / 110; taught entirely in English
- Thesis: *Silence Between* — regeneration of Caserma Mameli, a WWI-era barracks in Milan, into a performing arts university (supervisors Karin Hofert, Riccardo Genta)

Exchange Semester 2016 – 2017
University of Technology Sydney (UTS) · Australia · Landscape Ecology, Sustainable Urban Design

BSc in Architectural Engineering 2009 – 2014
Isfahan Azad University (KHUISF) · Iran · average 85.6 / 100

RESEARCH & TEACHING

Researcher 2018 – 2020
Research Institute for Cultural Heritage · Tehran

- Wrote guidelines for documenting historic gardens and documented three Persian garden cases, including photogrammetric survey

Lecturer — Rhino/Grasshopper and Design in Rural Settlements 2018, 2022
Azad University of Najafabad · Iran

Teaching Assistant — design studio, Prof. Hofert and Prof. Genta 2017
Politecnico di Milano · Italy

PUBLICATIONS

Danesh, M.M. and Rajabi, A. (2022). Importance of digital techniques of documentation for the conservation of cultural heritage. In *Conservation of Architectural Heritage*, pp. 415–425. Springer. doi:10.1007/978-3-030-74482-3_32

Rajabi, A. and Danesh, M.M. (2021). Image-based 3D documentation of a Persian garden using a low-cost technique. CHNT Conference on Cultural Heritage and New Technologies, ICOMOS Austria, Vienna.

SKILLS

DESIGN & MODELING	Rhino and Grasshopper (10+ years, taught at university level), SketchUp
VISUALIZATION	D5 Render, Twinmotion, Lumion, Visoid, AI-assisted rendering
GRAPHICS & VIDEO	Adobe Creative Suite (10+ years): Photoshop, Illustrator, InDesign, After Effects, Premiere Pro
BIM & CAD	Revit, ArchiCAD, AutoCAD, MicroSurvey CAD
AI & DIGITAL TOOLS	AI image generation and rendering; AI-assisted coding of custom design and CAD tools (HTML/SVG/JavaScript); AI research and writing workflows
SITE ANALYSIS & DOCUMENTATION	Topographic and site surveys, photogrammetry, heritage documentation
MAKING	Physical models and prototyping, photography

LANGUAGES

Persian Native · English C1 · Italian B1 · French A2 · German A1 · Arabic Reading