

Ali Rahbar

BIM Specialist

 alirahbar2000@gmail.com

 (+98)9128264418

 www.omranovin.ir

 West, Tehran, Iran

 DoB: 1992-12-20

 Marital Status: Married

 Military Service: Served

Profile Summary

Experienced BIM Specialist with a strong background in modeling residential, industrial, and commercial projects. Proficient in Revit Structure, Architecture, MEP, and other Autodesk software. Skilled in programming with C#, Python, and Revit API. Proven expertise in managing BIM projects, developing custom addons, conducting clash detection, and training teams. Specialized in Scan to BIM, with extensive experience in modeling over 20 projects from point clouds, including bridges and tunnels. Passionate about optimizing engineering and construction efficiency through advanced technologies.

Skills

- ✔ Revit Structure

✔ Revit Architecture

✔ Revit MEP

✔ Autodesk AutoCAD

✔ Revit API

✔ Point Cloud
- ✔ Autodesk Recap

✔ Autodesk NavisWorks

✔ Dynamo

✔ C#
- ✔ Microsoft Extensible Application Markup Language (XAML)

✔ Python

✔ Web API

✔ Twinmotion
- ✔ CSI SAP2000

✔ CSI ETABS

✔ CSI Safe

✔ Adobe Photoshop

✔ GeoStudio

✔ ICDL
- ✔ Autodesk Advance Steel

✔ Tekla Structures

✔ Autodesk Vault

✔ Autodesk vault API

✔ WordPress

Education

- 2011 - 2015

 Bachelor of Civil

Branch: Civil

Institute/University: Sadra

Tehran, Iran

GPA: 17.34
- 2015 - 2019

 Master of Civil

Branch: Geotechnic

Institute/University: Amirkabir University of technology

Tehran, Iran

GPA: 16.11

Work Experience

November 2023 **Product Manager & Addon Developer**

- Present

BimLogiq
Sydney, NSW, Australia

Tasks and Achievements

- Successfully managed the end-to-end quality assurance process for Autodesk Revit addons, ensuring the release of high-quality products.
- Led the evaluation and approval of features, aligning addon development with customer needs and company objectives.
- Demonstrated expertise in debugging, identifying root causes, and providing comprehensive bug reports to enhance product stability.
- Supervised addon development, coordinating with teams to set priorities, review code quality, and ensure adherence to coding standards.
- Analyzed user feedback to provide actionable insights for continuous improvement of addon features and performance

January 2022 - **BIM Expert**

November 2023

Azaran Industrial structures
Tehran, Iran

Tasks and Achievements

- Proficiently modeled BIM projects in structure, architecture, and MEP using Autodesk Revit.
- Coordinated and conducted clash detection analysis for projects using Navisworks, ensuring seamless collaboration among disciplines.
- Developed custom addons for Revit to address specific company needs, enhancing efficiency and functionality in project workflows.
- Played a pivotal role in educating the company's human resources on Revit and BIM, conducting training sessions and workshops to enhance the team's proficiency in BIM technologies.
- Collaborated with cross-functional teams to ensure the successful implementation of BIM methodologies across various projects, contributing to streamlined workflows and improved project outcomes.

February 2021 - **BIM Manager**

December 2023

Tadbir Sahel Pars
Tehran, Iran

Tasks and Achievements

- Management of the company's BIM projects
- Company team training
- Check files and fix problems
- Holding meetings with the Client
- Production of standards required by the company

July 2016 - **■ Draft person**

March 2019
Freelance
Tehran, Iran

Tasks and Achievements

- Drawing and detailing of steel and concrete structures

May 2016 - **■ BIM Modeler**

Present
Freelance
Tehran, Iran

Tasks and Achievements

- Architectural and structural modeling of Plasco project
- Architectural modeling of the Museum of Historical Cars of Iran
- Modeling more than 10 bridges based on cloud points in Revit
- Modeling of all three disciplines of the 40,000 square meter Kianpars building in Ahvaz
- and several other projects

November 2017 **■ Site Manager**

- June 2019
Hafezi
Tehran, Iran

March 2016 - **■ Site Manager**

November 2016
Chaman Roll Mohammad
Tehran, Iran

Tasks and Achievements

- Managed and supervised construction sites, ensuring adherence to project plans and specifications
- Coordinated with subcontractors and monitored their performance to ensure quality and timely completion of work
- Collaborated with project stakeholders to resolve any issues or conflicts and maintain positive client relationships

Language

English : B2

Persian : Proficient

Research

November 2022 **■ Revit MEP software training book**

Publisher: Dibagaran Tehran

Link: https://www.dibagaranpakhsh.ir/index.php?route=product/product&product_id=1872

The author of the Revit MEP training book titled "Comprehensive Learning of Revit Mep" from Dibagaran Publishing House, Tehran

Projects

2017

■ BIM modeling of Plasco building project

For: Aban Tarh arsh

Modeling the Plasco building project in Revit, as well as finding interactions and modeling the fourth dimension of the project in NavisWorks.

2018

■ Modeling the project of the museum of historical cars of Iran

For: Aban Tarh arsh

Modeling of Iran's Historical Cars Museum project in Revit and animation and rendering in TwinMotion.

■ Modeling of Kianpars building in Ahvaz

For: Saba Naft

Modeling of Kianpars Ahvaz building in all three disciplines of architecture, structure, and MEP

2018

■ Modeling based on point clouds

For: FreeLance

Modeling of more than 40 projects based on Point clouds (bridge, telecommunications tower, tunnel, building, etc.)

Honors

■ Production and development of Android educational software "Omran Talent"

Link: <https://play.google.com/store/apps/details?id=com.omranovin.omrantalent&pli=1>

Social Network

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Teaching

2017 so far

■ Teacher

Tehran institution of technology

Link: <https://mftplus.com/>

Teacher of Revit Structure and Architecture, AutoCAD 2D & 3D in the central branch and the western branch and representatives of Vank, Narmak, Mirdamad, and Piroozi of Tehran Institution of Technology.

Personal interests

■ Interested in the field of artificial intelligence and programming and automation of engineering works

Soft Skills

■ Strong communicator with excellent teamwork and problem-solving abilities, adept at leading and collaborating within multidisciplinary teams to achieve project goals efficiently