

MY PORTFOLIO

Muhammad Atrch
Civil Engineer



Lets Move Forward Together

من هو  Muhammad Atrch Civil Engineer

Education

- Civil Engineering
Tishreen University | Syria |
- BIM Management | Kamal Shawky
First Option Academy | Online |
- BIM Structure | Raaed AL-Rawy
BIM Master Academy | Online |
- Digital Engineerin | Kaiteck
Kaiteck Academy | Online |
- BIM Diploma | To BIM
To BIM Academy | Online |
- BIM Coordination | el-Masri
ME Academy | Online |
- Structure Design | Marwan Amr
Madani Store | Online |
- Structure Design | Marwan Amr
Madani Store | Online |

Muhammad Atrch BIM Engineer



Contact

- ✉ Eng.MuhammadAtrch@gmail.com
- ▶ [Youtube.com/@MuhammadAtrch](https://www.youtube.com/@MuhammadAtrch)
- in [Https://in/MuhammadAtrch](https://in/MuhammadAtrch)
- 🌐 www.MuhammadAtrch.com
- 🐙 github.com/MuhammadAtrch
- ☎ wa.me/+963995991165

Skills

Autocad

Excel

Etabs

Safe

Sap

Revit

Navisworks

Synchro

Primavera

Power Bi

ACC

Experience

- Graduation Project
Hanin Villa According To Iso 19650

Implemented 4D & 5D simulation was done using Primavera, Synchro pro software, allowing Villa planning to explore development scenarios interactively.

Implemented VR & AR simulation to visualize the Villa in an immersive 3D Enviroment, allowing Villa planning to explore future development scenarios interactively.

Technologies Used: 3D (Revit), Coordination (Navisworks, Dynamo, Notepad++), Time Schedule (Primavera), 4D & 5D (Synchro Pro), VR & AR (Augin).

Muhammad Atrch BIM Engineer



Contact

-  Eng.MuhammadAtrch@gmail.com
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-  [Https://in/MuhammadAtrch](https://in/MuhammadAtrch)
-  www.MuhammadAtrch.com
-  github.com/MuhammadAtrch
-  wa.me/+963995991165

Skills

ASD

Cut Optimization

Jawad

Word

Power Point

Robot

Augin

Problem Solving

Certificates



الجمهورية العربية السورية
وزارة التعليم العالي والبحث العلمي
جامعة تشرين

الجازة في الهندسة المدنية

قرر مجلس جامعة تشرين في الأسس مائة الف واربعمائة وخمسون
بعد ان اتمت على نتيجة الامتحان النهائي للهندسة المدنية
منح السيد محمد الطرش بن حسن من مواليد ١٩٨٥ في الجمهورية العربية السورية
الولود في الودقية عام الفين
ورجبة للجازة في الهندسة المدنية سنة مائة واربعمائة وخمسون
بمرتبة حسن جداً فحاز بذلك حق هذه الدرجة والتميز بها



الطبعة الثانية ١٤٤٦ هـ الموافق ٢٠٢٥ م

مدير جامعة تشرين

مدير كلية الهندسة المدنية

د. محمد علي حرمه

د. أسعد سبطا

الرقم
١٢٨٥٣

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Certificates

CERTIFICATE OF COMPLETION

CONGRATULATIONS!

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Certificate No. EM303368097778445346330

MUHAMMAD ATRCH		
NAME		
ISO-19650 AND BIM MANAGEMENT		AUTODESK BUILDING DESIGN
COURSE TITLE		SUITE 0
		PRODUCT
KAMAL SHAWKY	28-MARCH-2024	41-100 HOURS
INSTRUCTOR	COURSE DATE	COURSE DURATION
FIRST OPTION		
AUTODESK AUTHORIZED TRAINING CENTER		

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Certificate No. EM303567097780485346330

MUHAMMAD ATRCH
NAME

BIM STRUCTURE DIPLOMA 3D&4D&5D
COURSE TITLE

AUTOCAD STRUCTURAL
DETAILING 2015
PRODUCT

RAEED HAMOUD AL-RAWY
INSTRUCTOR

18-MARCH-2024
COURSE DATE

10 HOURS
COURSE DURATION

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Certificate No. EM303567097780525346330

MUHAMMAD ATRCH		
NAME		
BIM STRUCTURE DIPLOMA 3D&4D&5D		ROBOT STRUCTURAL ANALYSIS PROFESSIONAL 2024
COURSE TITLE		PRODUCT
RAEED HAMOUD AL-RAWY	16-MARCH-2024	65 HOURS
INSTRUCTOR	COURSE DATE	COURSE DURATION
NIQAT GLOBAL		
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Certificate No. EM303567097780495346330

MUHAMMAD ATRCH
NAME

BIM STRUCTURE DIPLOMA 3D&4D&5D
COURSE TITLE

NAVISWORKS MANAGE 2024
PRODUCT

RAEED HAMOUD AL-RAWY
INSTRUCTOR

03-APRIL-2024
COURSE DATE

10 HOURS
COURSE DURATION

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Certificate No. EM303567097658105346330

MUHAMMAD ATRCH
NAME

BIM COORDINATION
COURSE TITLE

NAVISWORKS MANAGE 2024
PRODUCT

MOHAMED ELMASRI
INSTRUCTOR

30-APRIL-2024
COURSE DATE

9-16 HOURS
COURSE DURATION

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Certificate No. EM303567097780515346330

MUHAMMAD ATRCH
NAME

BIM STRUCTURE DIPLOMA 3D&4D&5D
COURSE TITLE

REVIT 2024
PRODUCT

RAEED HAMOUD AL-RAWY
INSTRUCTOR

29-MARCH-2024
COURSE DATE

40 HOURS
COURSE DURATION

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AUTODESK
Authorized Training Center



ME Academy

CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Muhammad Atrch

HAS SUCCESSFULLY COMPLETED

BIM Coordination

14 Jan 2024

Date

Mohamed Elmasri

Signature

CERTIFICATE ID

BIMCR83022582

Certificates

- Civil Engineering
Tishreen University | Syria |
- BIM Management | Kamal Shawky
First Option Academy | Online |
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Kaiteck Academy | Online |





CERTIFICATE

This certificate is proudly present to :

Muhammad Hasan Atrch

For the successful completion of the professional course

BIM TECHNICAL OFFICE
Stage Of BIM Fundamentals

The award of this certificate requires finishing all tasks before the deadlines.

Eng. Salah Elbadawy
BIM Specialist



CERTIFICATE

OF COMPLETION

DIGITAL ENGINEERING PROGRAM

This is to certify that
Muhammad Hasan Atrch

has successfully completed the requirements of Digital Engineering Program.

Program Hours

60 Online Hours (in the period between 10 August 2024 to 10 October 2024).

Program Content

- Introduction to Digital Engineering Approaches
- Building Information Modeling
- GeoSpatatial Information System
- Artificial Intelligence for Engineering and Construction
- Smart Cities and City Information Modeling
- Programming Fundamentals For Engineers
- Virtual Reality for AEC
- Personal Branding
- Career Options

KAITECH
Engineering & Technology

Certificate ID: KT-R01-DEP-17164



Certificates

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Kaiteck Academy | Online |

- Hanin Villa Modeling & Design
Revit & Etabs & Safe & Sap
- Time Scheduling For Hanin Villa
Primavera
- 4D & 5D For Hanin Villa
Synchro 4D Pro
- Shopdrawing For Hanin Villa
Revit
- Jolia Tower Modeling & Design
Revit & Etabs & Safe & Sap
- Coffee Shop Modeling & Design
Revit



Figure 1 is an elevation view of the building facade. It shows the vertical sections Y01, Y02, Y03, Y04, and Y05. The floor levels are indicated on the right side: 06 ROOF (10.05), 05 FIRST FLOOR (4.8), 04 GROUND FLOOR (0.3), 03 SUB (0.1), 02 GROUND BEAM (-0.8), 01 NO (-1.25), and 00 FC (-1.0). The facade shows a complex arrangement of windows and structural elements across these levels.

West

[illegible]

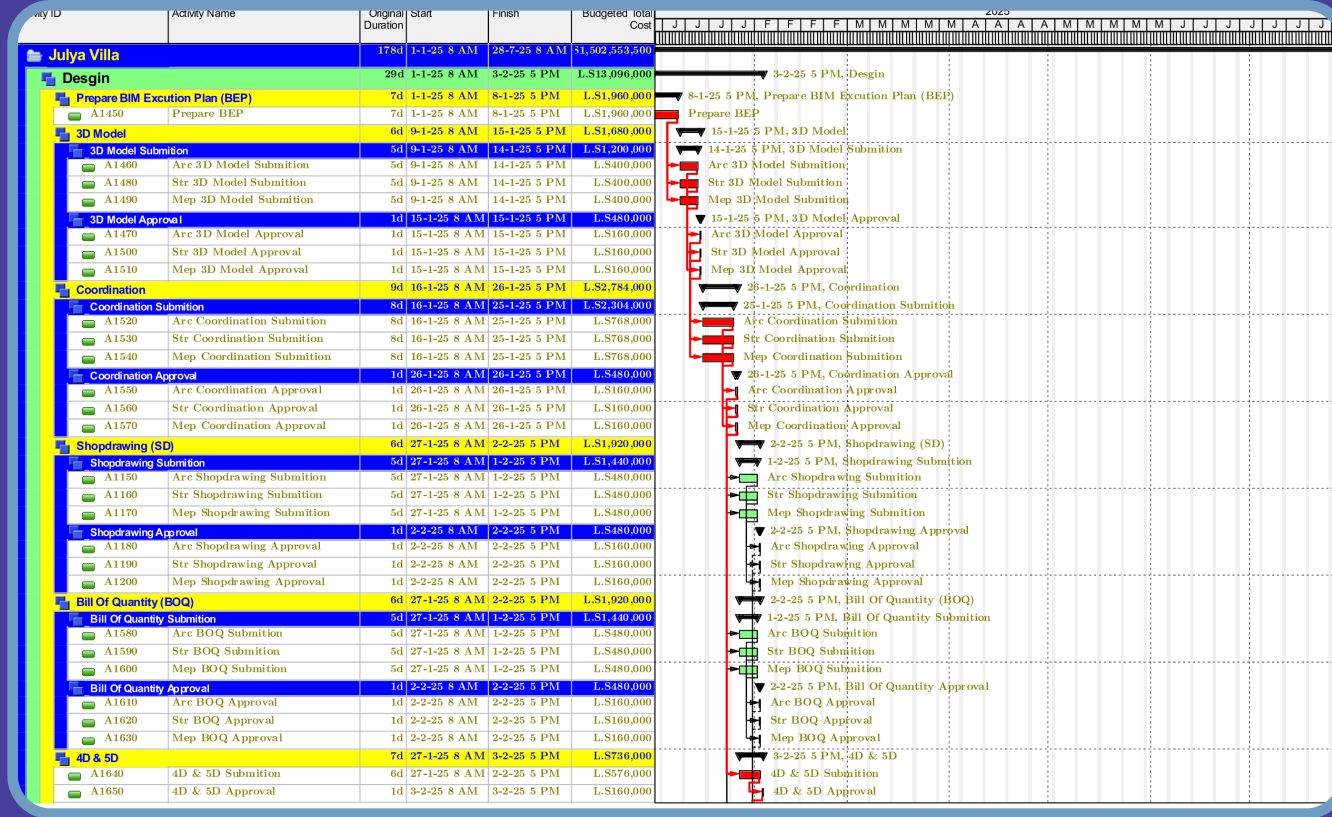
Hanin Vila

Structure

2

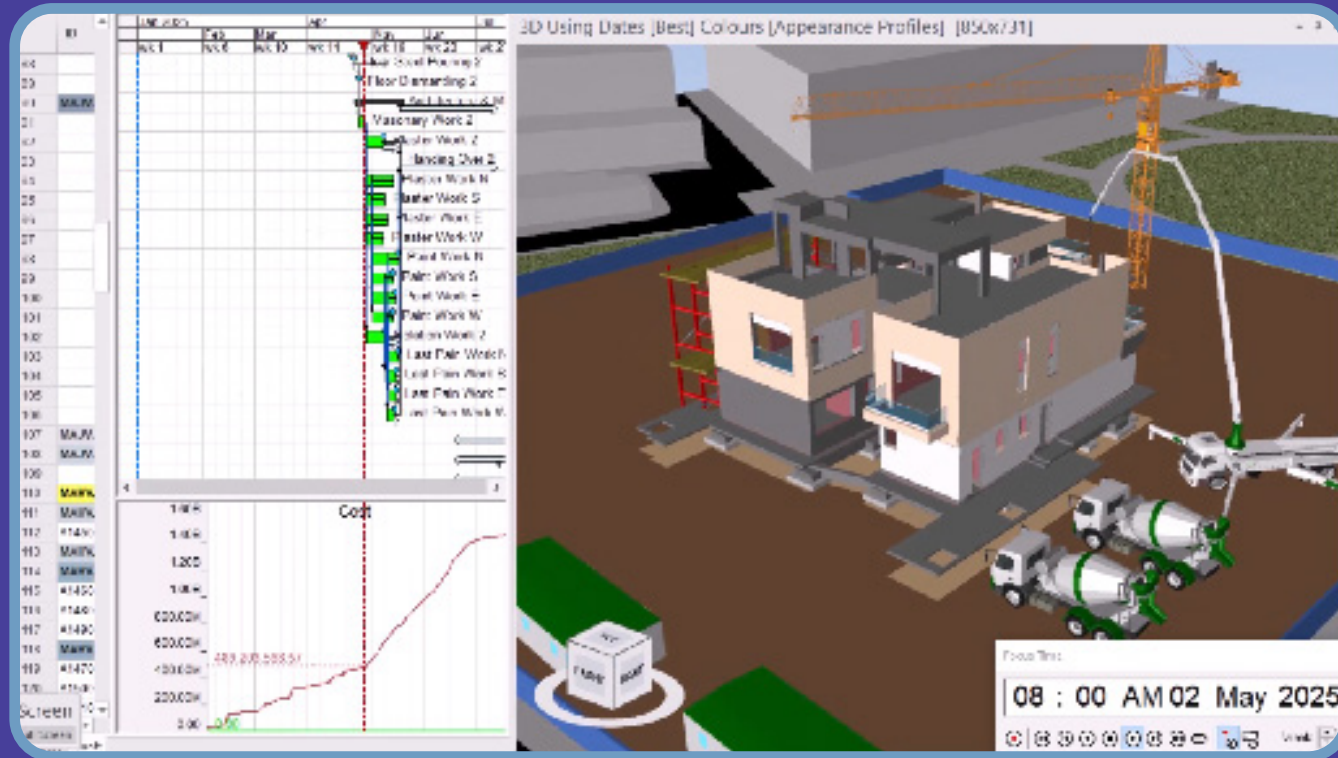
Scale	As indicated
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My Projects



- Hanin Villa Modeling & Design
Revit & Etabs & Safe & Sap
- Time Scheduling For Hanin Villa
Primavera
- 4D & 5D For Hanin Villa
Synchro 4D Pro
- Shopdrawing For Hanin Villa
Revit
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Revit & Etabs & Safe & Sap
- Coffee Shop Modeling & Design
Revit

My Projects



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Primavera
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- Shopdrawing For Hanin Villa
Revit
- Jolia Tower Modeling & Design
Revit & Etabs & Safe & Sap
- Coffee Shop Modeling & Design
Revit

- Hanin Villa Modeling & Design
Revit & Etabs & Safe & Sap
- Time Scheduling For Hanin Villa Primavera
- 4D & 5D For Hanin Villa
Synchro 4D Pro
- Shopdrawing For Hanin Villa
Revit
- Jolia Tower Modeling & Design
Revit & Etabs & Safe & Sap
- Coffee Shop Modeling & Design
Revit





END PORTFOLIO

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CONTACT US



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PORTFOLIO

M u h a m m a d A t r c h