Yaman Mourad

Architectural Designer | BIM Modeler & Coordinator | Revit · ISO 19650 · Computational Design

Budapest, Hungary · Hungarian residence permit · Open to relocation within Europe
(+36) 20 549 3029 · yaman.mourad.20@gmail.com · linkedin.com/in/yamanmourad · mouradstudio.com · Portfolio (PDF)

PROFESSIONAL SUMMARY

Architectural designer (MSc in Architecture, Óbuda University, 2026) with practice experience since 2021 in Damascus and Budapest, specialising in Revit and BIM. Worked on-site as a BIM Modeler, delivered a full construction set for an existing-building rehabilitation, and, in a self-initiated case study, ran a coordination process following ISO 19650 principles with a self-written Revit API clash engine that took a federated model from **604 clashes to zero**. Uses Python, Dynamo and Grasshopper to automate documentation and to let climate data drive design decisions. Seeking a BIM Modeler, BIM Coordinator or Architectural Designer role in a European practice.

CORE COMPETENCIES

- Revit (ARC, STR, MEP)
- ISO 19650, BEP, CDE
- Dynamo and Python Automation
- Existing Buildings, Rehabilitation
- BIM Coordination
- Construction Documentation
- Rhino and Grasshopper
- Shop Drawings and Schedules
- Clash Detection (Navisworks)
- Quantity Take-off, 5D BIM
- Climate Analysis (Ladybug)
- Visualisation (V-Ray, Lumion)

PROFESSIONAL EXPERIENCE

Freelance Architectural Designer
2024 – Present

Independent practice, Budapest and remote

- Six international residential and civic projects, from concept through to construction drawings.
- Villa in Syria (about 440 m², 6 bedrooms): built the survey model of the existing building, led the redesign and issued a full A3 construction set with a nine-detail package at 1:5 to 1:50 (sheets A-501 to A-505).
- Automated dimensions, tags and sheet setup in Revit with Dynamo and Python, removing repetitive manual documentation work.
- Detailed hospitality interiors to fabrication level: joinery shop drawings with material and hardware schedules, ready for a joiner to build and install.

Architectural Visualization Intern
Summer 2026

Brick Visual, Budapest

- Modelled, textured and lit 3D scenes for international architecture competition entries within a production team, to studio standards and competition deadlines.

BIM Modeler
May 2023 – Aug 2024

Archstation, Damascus (on-site)

- Modelled architectural projects in Revit from design drawings, working on-site alongside the design team.
- Built families, views and sheets, and produced coordinated drawing sets for issue.

Tutor, first-year free-hand sketching
Jun 2022 – Apr 2023

Damascus University, Faculty of Architecture

- Tutored first-year architecture students in free-hand sketching, under the supervision of Mohammad Ghanom.

Architectural Designer
May 2021 – Apr 2022

Yamen Group, Damascus

- K. Tower (TC111), Marota City: carried the later-stage design revisions, 3D model and visualisation of a 16-storey residential and commercial tower with 58 apartments, within a multidisciplinary team.
- Produced architectural drawings and 3D models for further residential and commercial projects.

SELECTED PROJECTS

Váci Corner: ISO 19650 BIM coordination Self-initiated, 2026

Budapest XIII · Revit, Dynamo, Python (Revit API), Excel

- Wrote a clash-detection engine on the Revit API (9 automated tests, 10 mm tolerance) and ran three coordination rounds on a 7-level mixed-use building: **604 → 2 → 0 clashes**.
- Traced 83% of services-versus-structure clashes to one root cause and cleared them with a single structural decision (flat slab instead of downstand beams).
- Authored the BIM Execution Plan and CDE with ISO 19650 naming; federated architectural, structural and MEP models on shared coordinates.

Al Narjis: 5D/6D BIM cost and solar study Self-initiated, 2026

Damascus (study) · Revit, Excel, Grasshopper, Ladybug, Honeybee

- Linked a Revit material take-off to a bill of quantities and construction programme for an 8-storey housing block, with solar performance analysis.

K. Tower façade study Own proposal, 2026

Damascus · Python (pvlib), AutoCAD

- Sized balconies and fins per orientation from an hourly solar model, cutting summer sun on the glass by up to 52%; detailed the west bay to a 1:20 / 1:10 construction section.

The Grove: parametric timber shading pavilion Self-initiated, 2026

Budapest · Rhino, Grasshopper, Python, Ladybug, Lumion

- Generated 251 timber coffers from summer sun data, giving 91% heat-weighted shade over 411 m² of public space.

MSc thesis: Youth Ability Discovery Center Óbuda University, 2026

Budapest · Rhino, Grasshopper, AutoCAD, Lumion

- Community centre for youth, including level 1–2 autism support, organised around a 1,500 m² central garden with four programme zones.

EDUCATION

MSc in Architecture 2024 – 2026

Óbuda University, Ybl Miklós Faculty of Architecture and Civil Engineering, Budapest

- 121 ECTS, EQF Level 7, taught in English. Thesis: Youth Ability Discovery Center (parametric spatial modelling in Rhino and Grasshopper).

Bachelor of Architecture (five-year professional degree) 2018 – 2023

Yarmouk Private University, Damascus

- Grade: Very Good. Taught in English.

TECHNICAL SKILLS

BIM	Revit (Architecture, Structure, MEP), Navisworks, Dynamo, Revit API (Python), federated models, clash detection, quantity take-off, BEP, CDE, ISO 19650
Documentation	AutoCAD, Revit sheets and schedules, construction details 1:5 to 1:50, shop drawings
Computational design	Rhino, Grasshopper, Python, Galapagos and Wallacei (optimisation), Ladybug and Honeybee (solar, daylight, energy), pvlib, ArcGIS
Visualisation	3ds Max, V-Ray, Lumion, Twinmotion, Adobe Photoshop, Illustrator, InDesign

LANGUAGES

Arabic (native) · **English** (B2, Duolingo English Test 2026; both degrees taught in English) · **Hungarian** (A1) · **Spanish** (elementary)

Website: mouradstudio.com · Portfolio: view on Google Drive