Curriculum vitae

Hooman Ellyoun

BIM technician / Revit modeller

Structural modelling and formwork drawings

Vienna, Austria

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Profile

I model structures in Revit and prepare formwork drawings, slab plans and construction details from the model. When a drawing changes, I check the model geometry against the reinforcement drawings and work through discrepancies with the designers and site team.

Work experience

BIM technician

- Maintain the structural model in Revit and use it to produce formwork drawings, slab plans and details.
- Check the model against external reinforcement drawings and discuss discrepancies with the designers and site team.
- Incorporate changes, update drawing revisions and prepare drawings for approval. Assist with reinforcement inspections.

BIM modeller and CAD drafter

- Built 3D models in Revit and AutoCAD and prepared 2D and 3D construction drawings.
- Prepared quantity take-offs, checked drawings and worked through details with the engineers and site supervisors.

CAD drafter / team leader

- Worked on formwork and reinforcement drawings for reinforced concrete structures and coordinated a drafting team.
- Produced tender drawings and visualisations in Rhino, and helped provide technical advice to clients.

Concrete technology / quality control

- Checked concrete mixes and material quality, and recorded production and test results.

Selected project experience

Housing · Formwork drawings and revisions

Updated foundations, openings and the ramp in the model and on the formwork drawings. Checked the geometry against external reinforcement drawings and incorporated the agreed changes.

Housing · BIM modelling and quantity take-offs

Prepared building models, construction drawings and quantity take-offs. Coordinated the location of openings through structural elements.

Healthcare buildings · Modelling and connection details

Modelled façade connections in Revit, prepared construction details and coordinated the team's modelling work.

Technical skills and software

Modelling and CAD	Autodesk Revit / Revit Structure, AutoCAD, Rhino 3D
BIM and model checking	Solibri, Navisworks, Autodesk BIM 360, IFC/BCF
Automation	Dynamo and Python for developing and testing Revit workflows
Documentation	MS Office

Education and qualifications

Karshenasi / Bachelor's degree in Civil Engineering
ENIC NARIC Austria assessed the degree for employment purposes as comparable to an Austrian bachelor's degree in civil engineering (construction), at level 6 of the Austrian National Qualifications Framework.

Languages and driving licence

German B2 · English working knowledge · Persian native language
Category B driving licence