



Qazi Sulaiman Naeem

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Date of birth: 25/03/1995

WORK EXPERIENCE

[26/03/2023 – Current]

BIM Coordinator | BIM Specialist (Intern)

Maire Tecnimont

City: Milan

Country: Italy

Responsibilities:

- As part of my thesis work, I undertook a captivating internship where I played a vital role in effectively managing BIM openings for industrial plant construction, amplifying my practical skills and expertise.

- Management and Coordination of Cutouts activity using Revit and BIM360
- Automation of Cutouts placement using Dynamo scripts
- Clash detection activity using BIM360

[15/11/2021 – 30/09/2022]

BIM Specialist | Manager | Structural Engineer

++39 S.R.L

City: Pesaro

Country: Italy

Projects:

- LTA 63-65-68 Concrete and Steel Sleepers foundation - SAIPEM S.p.A
- Offshore Platform, Angola - ENI S.p.A

I started as a structural engineer and was primarily in charge of the complete setup and initialization of the BIM environment. The activities I have been involved in:

- Detailed BIM models produced using TEKLA Structures
- Layouts, templates, Quantity Takeoff and professional drawings produced
- Parametric design using Revit and Dynamo scripts
- Solibri and Naviswork used for clash detection and coordination environment
- Coordination with fabricator using Trimble Connect
- Detailed bar bending schedules for concrete sleepers using AutoCad 2D and 3D

[10/11/2017 – 25/08/2018]

Structural Engineer

AGES Consultants

City: Peshawar

Country: Pakistan

I worked on the PHLCE (Pehur High-Level Canal Extension) project as a structural engineer using SAP2000 for analysis and design. I also learned and implemented Civil Strips, a designing plugin for AutoCAD.

EDUCATION AND TRAINING

[01/09/2022 – Current]

Erasmus Mundus Joint Master in Building Information Modeling - BIMA+

University of Minho, Portugal & Politecnico di Milano, Italy

Field(s) of study: Building Information Modelling

- **BIM A+1** - Management of Information and Collaboration in BIM
 - BIM Uses, ISO Standards, LOD & LOIN, OIR, EIR & BEP

- **BIM A+2** - Modelling in Architecture and Engineering
 - Digital design for Architecture, Structure and MEP with the use of Revit, Solibri and BCF Manager
- **BIM A+3** - Parametric Modelling and optimisation in BIM
 - Python, IfcOpenShell, HTML, CSS, Java script, Dynamo, Generative Design
- **BIM A+4** - Advanced BIM data-systems and interoperability
 - Data implementation, Ifc Schema, Ifc XML, Naviswork
- **BIM A+5** - 4D, 5D, 6D modelling and applications
 - Clash detection, Quantity takeoff and Scheduling using Bexel
- **BIM A+6** - BIM based rehabilitation and sustainability analysis

[11/11/2021 – 27/10/2022]

II Level Specializing Master (M.Sc.) in Building Information Modeling - UNIBIM

University of Pisa, Italy

Field(s) of study: Building Information Modelling

Thesis: Structural design and modelling of Steel structures using Tekla structures

- **MODULE 1** - OBJECT-ORIENTED 3D BIM SOFTWARE - BIM SPECIALIST
 - Revit, Archicad, Allplan
- **MODULE 2** - BIM SOFTWARE FOR PROCESS STEPS - BIM COORDINATOR
 - Solibri, Naviswork, BIMcollab
- **MODULE 3** - MANAGEMENT IN THE BIM METHOD - BIM MANAGER
 - Facility Management, Microsoft Project
- **MODULE 4** - BIM FOR STRUCTURES
 - Tekla Structures, Trimble Connect

[01/09/2018 – 25/07/2021]

Master's Degree in Civil Engineering - Structural Engineering

University of Bologna, Italy

Field(s) of study: Structural Engineering

Final grade: 108/110

Thesis: Finite element modelling and response spectrum analysis of rubble stone masonry buildings for Himalayan regions using SAP2000 software.

- Advanced Design of Structures
- Advanced Structural Mechanics
- Computational Mechanics
- Earthquake Engineering
- Mechanics of Historical Masonry Structures
- Structural Safety
- Managing Engineering and Construction Processes
- Infrastructure Systems
- Advanced Hydro systems Engineering
- Geotechnical Engineering
- Numerical Methods

[01/09/2013 – 30/09/2017]

Bachelor's Degree in Civil Engineering

University of Engineering and Technology UET Peshawar, Pakistan

LANGUAGE SKILLS

Mother tongue(s): English , Urdu

Other language(s): Italian

DIGITAL SKILLS

Revit | Tekla Structures | Dynamo | BIM360 | Solibri | Bexel Manager | Naviswork | Python | AutoCAD | SAP2000 | ETABS | Midas Gen | Microsoft Office | MATLAB | Microsoft Project

RECOMMENDATIONS

Name: PROF. STEFANO SILVESTRI

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Department of Civil, Chemical, Environmental and Mining Engineering at University of BOLOGNA, ITALY

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Department of Architecture at University of BOLOGNA, ITALY