



Omar Alaa El-Din Fawzy Hamed

Date of Birth: 10 September 1996

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Military Service: finished

Objective:

Seeking a career that is challenging and interesting, and lets me work on the leading areas of technology, a job that gives me opportunities to learn, innovate and enhance my skills and strengths in conjunction with company goals and objectives.

Educational background:

- BSc (Faculty of Engineering, El-Shorouk Academy, Civil Engineering) [2019]
- Cumulative Grade: **Excellent**, GPA (89%), **ranked 6th on class**.
- Graduation project: Foundation and Soil Mechanics with grade **Excellent**, (97%).

Work Experience:

- **Company: Hassan Allam Holding** (Construction).
1- October 2022- Present: Technical office Engineer (**Bim Engineer**)

Project: High Speed Railway (HSR).

Job Description:

- Creating new template for new projects , coordination between all disciplines in the project, Detect conflicts between them.
- Review packages received from the design team, coordinate with Several Teams.
- Preparing structural workshop drawings for all elements, Modeling 3D, quantity survey, steel sheets, creating schedules for quantities and material takeoff for every element in the project, Detect conflicts during Modeling which save more time.
- Identify every element in the model by all information needed which helps in creating annotations and quantity survey.
- Coordination with site and support them with any needed data when required.
- Providing technical solutions to the problems issued in the site and submitted from the consultant.
- Prepare As Built drawings and submit them according to constructed in site.
- Coordinate with the surveying engineer to provide him all the information about land coordinates and any site measurement required.
- Preparing monthly progress reports and checking the progress against the planned me schedule.

2- February 2022- October 2022: Technical office Engineer.

Project: Al Mostakbal Bridges (Roads and bridges).

Job Description:

- Preparing Structural workshop drawings for all elements.
- Prepare As Built drawings and submit them according to constructed in site.

- **Company: Concord for Engineering and contracting.**
March 2021-February 2022: R.C Workshop Drawings and Technical office Engineer.
Project: Greater Cairo Metro Line 4 Phase (1).
Consultant: **Japan International Coopera on Agency Jica.**
Contractor: Al Mokawloon Al Arab, Hassan Allam, Petrojet and Concord.
- **Company: True Developments.**
August 2019-July 2020: Structural and Geotechnical Design Engineer.
July 2020- March 2021: Planning Engineer.

Internships:

- **CAIRO AIRPORT COMPANY:** (Site Engineer) How to Receive All Structure works like (Column works, slab works and insula on works) at the airport. [1 Month]
- **AGIBA PETROLEUM COMPANY:** The Training was office based with site Visits, it was in the real work environment, Full of lectures, Real tasks and responsibilities on these topics and How to Design buildings using various programs (etabs, safe and Revit). [2 Month]
- **GENERAL NILE CO. For Roads Construction:** Site Engineer [1 Month]
- **AMAR MISR CONSTRUCTIONS:** Site Engineer, Administrative capital (Alfatah Elalim Mosque). [2 Month]

Courses and certifications:

- Bim Diploma At **To Bim , Niqat Global** [1 year]
- Structural Design and Detailing Diploma At **Bena Academy** [120 hours]
How to Design villas, high rise buildings and water tanks using various programs.
- Foundation Diploma At **Civil Academy** [105 hours]
How to create models that simulate the behavior of different types of soil and design different shoring systems using various programs.

Computer skills & Applications used:

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|-------------------------------------|--------------------|
| • AutoCAD | - Midas |
| • Revit Structure | -Plaxis 2D |
| • ASD “Autocad structural Detaling” | - Navisworks |
| • Armacad | - Dynamo |
| • Cutting optimation | - Word, PowerPoint |
| • Primavera P6 | - Excel |
| • SAP2000 | - SAFE |
| • Etabs | - SPcolumn |

(References furnished upon request)

Language Skills:

- Arabic: Native Language.
- English: Very Good at listening and speaking, Very Good at writing and reading.