

Abdurrahman Ashraf

Electrical power and Machine engineer

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[LinkedIn](#)

Summary

Highly experienced Electrical Engineer with over one years of diverse expertise in Lighting, Power, and Light Current systems. Proficient in design, BOQ, modeling, coordination, and shop drawing using AutoCAD and Revit. Demonstrated involvement in a variety of projects such as residential, commercial and health care facilities.

Education

2021 B.Sc. Electrical Power and Machine Engineering, Mansoura University.

Overall Grade: good (70.9%)

Graduation Project: Control Strategies of Induction motor for Electric Vehicles. Grade: Excellent. [Here](#)

- SEGAS Summer Internship Program August 2019. [Here](#)
- Classic control, Basic PLC & Drive Programming Diploma at HA, May 2022. [Here](#)
- BIM Diploma-BIM Management at Niqat Global. [Here](#)
- BIM Diploma- BIM For Consultants Niqat Global. [Here](#).
- BIM Diploma- BIM For Operators Niqat Global. [Here](#)
- BIM Diploma- BIM For Contractors Niqat Global. [Here](#)
- BIM Coordination- Niqat Global. [Here](#)

Working Experience

January 2023 – January 2024: - Maher Belal Engineering Consultant (MBEC)



“Cairo, Egypt”

- **Job Title:**
Electrical Systems Design Engineer.
- **Projects:**
 - 1) AL-Salmy hospital, Jeddah-Saudi Arabia.
 - 2) Dr Eyad Sakr clinics, Savola tower - Jeddah-Saudi Arabia.
 - 3) Saad Alqahtani clinics, Jeddah-Saudi Arabia.
 - 4) International Extended Care Centre Rehabilitation.
 - 5) Residential buildings, Jeddah-Saudi Arabia. 6) Personals villas, Jeddah-Saudi Arabia.

February 2024 – November 2024: - Specialized Mechanical Electrical Plumbing (SMEP)



- **Job Title:**
BIM Electrical Engineer.
- **Projects:**
 - 1) Riyadh Air
 - 2) Mobily Data Center
 - 3) Tadawul
 - 4) The 25 Mall
- **Job Description:**
 - 1) Discuss and suggest technical proposal for design drawings.
 - 2) Coordinate with all departments and resolve conflicts between disciplines (Structural, Architectural, Electrical and Mechanical).
 - 3) Prepare all Electrical calculations.
 - 4) Design and Draw Electrical Drawings (Lighting, Power, Light Current, Earthing and Lightning).
 - 5) Prepare equipment schedules and BOQ.

November 2024: -Orion Design Engineering

- **Job Title:**
BIM Electrical Engineer
- **Projects:**
 - 1) The Red Sea Central Logistics Hub Central Kitchen
 - 2) The Red Sea Central Logistics Hub Central Laundry
 - 3) Alfannar Warehouse & Factory
 - 4) Almarai Seafood Factory



Skills

Software skills

- DIALux evo.
- Autodesk AutoCad
- Autodesk Revit.
- Navisworks
- Plannerly
- SYNCHRO 4D PRO

Technical skills

- Designing Electrical Systems According to SBC401
- Familiar with ISO 19650 requirements for effective BIM implementation.
- Collaborated closely with architects, engineers, and contractors to ensure seamless information
- exchange and coordination between project teams, resulting in improved project outcomes and reduced conflicts

Language

- Arabic: Excellent in reading and writing 'Mother Tongue'.
- English: Very good in reading, writing and talking.

Personal information

Gender:	Male
Marital status:	Single
Date of birth:	18/11/1997
Nationality:	Egyptian
Military status:	Final Exemption. Here
Driving License:	Yes. Here